

UNITED STATES DEPARTMENT OF THE INTERIOR

RAY LYMAN WILBUR, *Secretary*

OFFICE OF EDUCATION

WILLIAM JOHN COOPER, *Commissioner*

PRINCIPAL K 7

COLLECT

BULLETIN, 1931, No. 13

Bharatiya Vidya

BIBLIOGRAPHY OF RESEARCH  
STUDIES IN EDUCATION  
1929-1930

PREPARED IN THE LIBRARY DIVISION  
OFFICE OF EDUCATION

By

EDITH A. WRIGHT



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## LETTER OF TRANSMITTAL

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DEPARTMENT OF THE INTERIOR,  
OFFICE OF EDUCATION,  
*Washington, D. C., June, 1931.*

SIR: I transmit herewith a manuscript entitled "Bibliography of Research Studies in Education, 1929-1930," and recommend that it be published as a bulletin of the Office of Education. This is the fourth manuscript on this subject which has been prepared by members of our library staff. There are many indications that this bibliography meets a real need on the part of students of education. It is hoped that it will assist in coordinating the efforts of various graduate schools of education as well as those of city and State school systems engaged in the experimental study of local school problems.

Respectfully submitted.

WM. JOHN COOPER,  
*Commissioner.*

THE SECRETARY OF THE INTERIOR.



# INTRODUCTORY NOTE

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## SCOPE OF BIBLIOGRAPHY

The Office of Education presents herewith the fourth <sup>1</sup> annual compilation of research studies in education, comprising masters' and doctors' theses and other investigations completed from July, 1929, to September, 1930. A slight change has been found necessary in this volume regarding the period covered. All studies completed up to the beginning of the school year 1930-31 have been included. In future issues it is planned to cover the school year rather than the year beginning in July and ending the following June. The increase in the number of studies in this bibliography over the number in previous issues is accounted for in part by the longer period covered. We have included all studies reported to us for 1930, except in cases where we have had definite information that the study was completed after September 1, 1930. In some instances abstracts of studies completed before September 1, 1930, have appeared in publications issued subsequent to that date. Inasmuch as these studies were actually completed during the school year 1929-30, we have included them, even though the publication containing the abstract carries a later date. This is true in the case of the University of Pittsburgh studies, abstracts of which are found in the University of Pittsburgh bulletin for November 1930, and the University of Colorado studies for December, 1930, containing abstracts of the University of Colorado theses. The data contained herein were received in response to letters sent out in May and October, 1930, to all agencies known to this office to be engaged in educational research. Universities and colleges, city and State research bureaus, and other research agencies were included. In addition, about 25 educational magazines for the period covered were examined and studies selected for listing herein. The information received from the various cooperating agencies was sometimes indefinite and incomplete, but all pertinent data reported to us have been incorporated. Annotations for the periodical references as well as for many other studies were made in the library of this office, annotations for masters' and doctors' theses have in most instances been furnished by the person reporting the investigation.

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<sup>1</sup> Earlier bulletins in this series are 1926-'27 Bulletin 1928 No. 22 1927-28 Bulletin 1929 No. 36 1928-29 Bulletin 1930 No. 23

The material assembled herewith has been classified and indexed in the library division of the Office of Education, by Edith A. Wright, with the assistance of Ruth A. Gray. As in the earlier volumes, an author and subject index immediately follows the list, which, with the cross references at the end of most of the sections, should make the material on any special phase of education readily accessible. The index of institutions and organizations at the end of the volume shows the various agencies which are cooperating.

## ANALYSIS OF SUBJECT MATTER

Three hundred and sixty eight institutions and organizations are represented. Of 4,651 studies listed, about 55 per cent represent masters' and doctors' theses, over 15 per cent periodical references, and the remaining entries are for studies of city, State, and various independent organizations. For purposes of comparison, the 122 subjects included in this bibliography have been combined and reduced in the following table to 25 main topics in order that some idea may be had of the fields which are receiving the most attention at the present time. The tabulation shows the number of doctors' and masters' theses, the number of city school studies, etc., with the total number of all studies in each subject, and the percentage that the total number in each case is of the grand total. While these percentages indicate to a certain extent the subjects in which there is most interest, they do not show the real situation in every instance. For example, the number of studies listed under Elementary Education is very small. However, there are many studies classified elsewhere which deal with education at the elementary level. Such sections as rural education, special subjects of the curriculum, school management, and testing, will be found to contain many references to studies at the different levels. This fact should be kept in mind when examining the table. With due consideration to the overlapping which of necessity occurs in a list of this kind, an examination of the percentages reveals the fact that the greatest emphasis during the period covered has been on the special subjects of the curriculum. Twenty three per cent of the total number of studies is credited to that topic and this does not include a number of investigations in curriculum making which are listed under School Management. Of the various subjects of the curriculum, English leads in interest, with reading and arithmetic following. Of special note is the amount of educational research which has been done in the field of training and status of teachers. It is second in interest to the topic Special Subjects of the Curriculum, and it also ranks second in the number of doctors' theses completed in the field. While

the accompanying table has its limitations, it will show not only the special phases of education which are commanding attention to day, but also the subjects which graduate students of education are investigating

*Number of Research Studies for 1929-30 in Various Fields of Education*

Subject	Types of studies					Approximate per cent
	Doctors theses	Masters theses	City school	Others	Total	
1	2	3	4	5	6	7
Educational history and biography	5	82		15	72	1.50
Current educational conditions—United States	2	27	6	32	6	1.50
Current educational conditions—Foreign countries						
international aspects	12	35	1	11	59	1.25
Educational theory and practice special methods						
individual differences	12	70	10	65	137	3.80
Educational psychology child study etc	19	49	3	89	160	3.50
Testing and research	10	39	4	118	214	4.50
Special subjects of curriculum	59	606	10	296	1,065	23.00
Elementary education including preschool kinder garden and primary	4	22	9	24	59	1.25
Secondary education	12	92	14	67	185	4.00
Teacher training and status	37	145	30	181	393	8.50
Higher education	19	37	2	75	133	2.5
School administration	30	132	17	114	293	6.25
School management	12	165	85	121	383	8.25
School buildings	4	30	8	40	82	1.75
School health and physical education	8	102	19	71	200	4.25
Play social aspects and child welfare	8	65	4	28	95	2.00
Rural education	2	60		25	87	1.5
Moral and religious education	15	110	2	40	167	3.50
Guidance	3	48	10	39	100	2.00
Vocational training including agricultural education home economics commercial education and professional education	10	208	20	75	322	7.00
Civilic and military education		13	3	4	20	.50
Education of women	4	23		1*	39	.75
Education of racial groups	10	32	4	18	64	1.50
Exceptional children	10	4	13	39	109	2.50
Education extension and libraries	7	60	11	45	123	2.75
Total	323	2,259	425	1,644	4,851	100.00

### AVAILABILITY OF STUDIES LISTED

Many of the studies listed are available for consultation in various public and institutional libraries. Printed material here mentioned may ordinarily be obtained from the publishers. Unpublished studies, which are, for the most part, masters' and doctors' theses, are indicated by the abbreviation "ms" after the number of pages, signifying that the study is in typewritten or mimeographed form. A star indicates those theses which are on file in the library of the Office of Education. They may be borrowed for a limited time through the interlibrary loan system. For information concerning other theses, address the institution or organization under whose supervision the study was made. The Office of Education can not supply the publications listed, other than those expressly designated as its own.

As comparatively few of the masters' theses have appeared in printed form, it is with difficulty that one learns of the results of these investigations. It is therefore with satisfaction that we note the growing tendency for institutions and organizations to issue abstracts of theses in education prepared under their supervision. Among the publications containing such abstracts may be noted the following: The University of Pittsburgh bulletin, November, 1930; the University of Colorado studies, December, 1930, News Letter, Alpha chapter Phi Delta Kappa, Indiana University, April, 1931, listing Indiana University theses in education, University of Illinois bulletin No. 55, 1931, Annotated Bibliography of Graduate Theses in Education at the University of Illinois and Bulletin of the Department of Secondary School Principals of the National Education Association, containing abstracts of unpublished masters' theses in the field of secondary school administration of the University of Southern California. There has also been published recently an Annotated Index of Theses and Dissertations in Education of the University of Southern California and Abstracts of Studies in Education at Pennsylvania State College. Such lists and abstracts will aid materially in acquainting research students in education with what has already been done along certain lines and will make available a vast amount of data contained in masters' and doctors' theses which up to the present time has been rather inaccessible.

# BIBLIOGRAPHY OF RESEARCH STUDIES IN EDUCATION, 1929-1930

[Stars indicate theses on file in the United States Office of Education Library]

## EDUCATIONAL HISTORY

1. Allen Rufus B. A fragmentary study of the influences in East Jersey education during the seventeenth century. Master's thesis 1930. Rutgers university New Brunswick N. J.

2. Beck John M. History of education in Porto Rico under the rule of the United States. Master's thesis 1929. University of Pittsburgh Pittsburgh Pa.

3. Bedenbaugh, Jefferson Holland. A history of Newberry college Newberry, S. C. Master's thesis 1930. University of South Carolina Columbia.

4. Bermann Sadie. The clearing of the ground for democracy in American education. Master's thesis 1930. College of the City of New York New York N. Y. 103 p. ms.

Notes the changes during the seventeenth, eighteenth and early nineteenth centuries in the social institutions of New England particularly Massachusetts which bear upon educational changes. Relationships are drawn between the social changes and the educational movement.

5. Clift Warner Wardell. Early history of Hardeman county Tenn. Master's thesis 1930. George Peabody college for teachers Nashville Tenn. 60 p. ms.

A brief account of the early history of Hardeman county settlers surveys organization churches schools etc. Findings. Settlers came from South Carolina Middle Tennessee and North Carolina. They organized in 1823. Churches were Protestant schools were denominational and academies.

6. Coon J. W. The development of education in Halifax county. Master's thesis 1929. University of North Carolina Chapel Hill.

The study deals with historical developments present conditions and recommendations for future growth in Halifax county N. C.

7. Crawford Esther K. History of the North central association of colleges and secondary schools. Master's thesis 1930. University of Chicago Chicago Ill.

A study of the organization of the association eligibility requirements institutions of higher education secondary schools curriculum developments methods of inspection and influence.

8. Dabney, Mrs. Elizabeth Jefferson. The history of education in Mason county Ky. Master's thesis 1930. University of Kentucky Lexington. 261 p. ms.

9. Donovan Ignatius. Early history of the New York public school system. Master's thesis 1930. Catholic university of America Washington D. C. 43 p. ms.

10. Douglass, Henry Sherman. An historical survey of the elementary schools of Los Angeles. Master's thesis 1930. Stanford university Stanford University Calif.

11. Drake W. E. Higher education in North Carolina prior to 1860. [1930] University of North Carolina Chapel Hill.

12 Frazier Annie C M Attitudes toward child life as revealed in letters to children Masters thesis 1930 George Peabody college for teachers Nashville Tenn 179 p ms

A study of letters to children from English and American writers ranging in date from 1450-1921 for the purpose of discovering changing attitudes toward child life revealed in them The letters of the fifteenth and sixteenth centuries show that the child was regarded as the gentleman to be In the seventeenth century the child was regarded as a soul to be saved The eighteenth century letters reveal the influence of Locke's disciplinary theory of education and the utilitarian point of view Toward the close of the century there is a tendency toward a more liberal attitude toward children Early in the nineteenth century both in England and in America the influence of Rousseau and his followers and of the Romantic movement is felt There follows as reflected in these letters a rapidly increasing sympathy for and understanding of childhood resulting in a spirit of playfulness in the letters to children Toward the end of the century and at the beginning of the twentieth century the influence of the psychological studies of childhood is seen in the more intelligent understanding of child nature evinced in the letters

13 Garrison Charles Studies in the development of standardization and uniformity in the public schools of North Carolina from the Civil war to 1927 1930 Duke university Durham N C

This study of the legal provisions for uniformity in the public schools of North Carolina from the Civil war to 1927 is largely concerned with the development of rural schools and that part of other systems controlled under state uniform laws the development of uniformity and standardization in term curricula certification and salaries school support buildings and equipment and school libraries The general conclusion is that increasing state support has meant increased uniformity and state control in all of these particulars

14 Gates, Samuel Eugene History of the University of Southern California 1900 to 1928 Masters thesis 1930 University of Southern California Los Angeles ms

15 Giannotta Rosario Oliver Education in the colonial city of New York (1664-1784) with a view of Dutch conditions (1600-1684) Masters thesis 1930 College of the City of New York New York N Y 118 p ms

The study describes the nine schools students faculty curriculum methods and systems of education at the time referring to primary sources

16 Gibson Harriet Davis History of public education in Illinois 1911 to 1928 Masters thesis 1929 University of Colorado Boulder 97 p ms

Findings There should be a revision of antiquated tax systems and a reorganization of common school district Schools need increased financial support

17 Gwynn Price H Jr The implications for education of religious freedom in Virginia Doctor's thesis 1930 Yale university, New Haven Conn

A study to determine from the original records the influence of the Presbyterians upon the ultimate adoption of the principle of religious freedom in the Virginia constitution and to estimate the bearing of their action and attitude in this matter upon the subsequent secularization of American public school education

18 Hammond Gertrude Best. Public education in California under the Constitutions of 1849 Masters thesis 1930 University of Southern California Los Angeles ms

19 Holloway William Jesse The contributions of the Ex Officio and State superintendents of public instruction to the development of the public school system in Texas from 1836 to 1884 Masters thesis 1929 University of Texas Austin

20 Huey, Robert Garuett An educational history of Fleming county Ky Masters thesis 1930 George Peabody college for teachers Nashville Tenn 64 p ms

History of education in Fleming county from 1798 to 1929 Findings A growing interest in schools tendency towards consolidation improvement of buildings and teacher qualifications

21 Johnson, Jesse Butler The history of Ogden college Master's thesis, 1929 George Peabody college for teachers Nashville Tenn 163 p ms

22 Kidwell B F History of education in Greenup county, Ky Master's thesis, 1930 University of Kentucky, Lexington. 170 p ms

23 Kiefer, Elva Partridge The first 30 years of secondary and higher education in Los Angeles county, 1863-1893 Master's thesis 1930 University of Southern California, Los Angeles ms

24 Lawrence, C G Development of education in Elbert county, Ga [1930] University of North Carolina Chapel Hill

This study comprises historical development present conditions and recommendations for future growth in Elbert county Ga

25 McConnell, Robert Ervie A history of the development of the department of public instruction in Iowa Iowa City, University of Iowa, 1930 122 p (University of Iowa studies, first series no 188 Studies in education vol 6 no 1)

This study gives a picture of the conditions in Iowa where there is a decentralized type of school control Education in Iowa is a function of local government, but such activities as have been brought under the direct control of the State have been under several departments or bodies not under a single centralized department of education The historical development of the department of public instruction was traced from its origin in the territorial period to the year 1929 A comprehensive bibliography is included.

26 Mullins, Carroll Lind A history of the schools of Caldwell county, Texas to 1900 Master's thesis 1929 University of Texas Austin

27 Myers, Mrs Minnie M P The origin and beginning of the University of Mexico, 1553 to 1580 Master's thesis 1929 University of Texas Austin.

28 Noble, M C S A history of the public schools of North Carolina Chapel Hill, University of North Carolina press, 1930 463 p

The story of public instruction in North Carolina from earliest colonial days to 1900

29 ——— Schools of New Orleans during the first quarter of the nineteenth century 1930 Tulane university, New Orleans, La (Louisiana historical quarterly, 14 63-78 January, 1931)

An intensive study of official documents memoirs newspapers etc, for the purpose of checking the data of the local histories of education Contains an account of the first public school, types of private schools and history of the College of New Orleans now extinct

30 Passmore W H Educational history of Blair county, Pa Master's thesis 1930 Pennsylvania state college, State College Pa

Based largely on original sources especially for last 80 years

31 Payne, William A A study relating to public education in New Orleans prior to the Civil war Master's thesis, 1930 Tulane university, New Orleans, La 56 p ms

An intensive study of the schools of New Orleans from 1826 to 1860 Shows New Orleans system to have been one of the pioneer city systems

32 Pearce Clarence Spence The education of Hebrew youth from the earliest times to the Maccabean period Master's thesis 1930 University of Cincinnati Cincinnati Ohio 62 p ms

The historical method was used to discover the educational influences surrounding the youth of the Hebrew people Findings There was no system of universal popular education The child's education began early in the home The necessities of life compelled the learning of an occupation The national and religious festivals contributed to his education Hebrew education exalted women and made the home a vital factor in national life taught obedience patriotism and religion, produced a people who were lovers of education and seekers after wisdom, developed the idea that education should be free for all.

33. Pitman, J. Asbury. Salem normal school: past, present, and future. *Elementary school journal*, 30: 416-30, February 1930

The history of the Salem normal school from its opening in September 1854, with a one year course to its present four year course leading to the degree of bachelor of science in education, is typical of the evolution of the whole American system of teacher training. The author outlines possible fields of growth for normal schools in the next century.

34. Potts, Philip C. Secondary education in Maryland before 1800. Doctor's thesis, 1930. Johns Hopkins university, Baltimore, Md.

35. Reisner, Edward H. The evolution of the common school. New York, The Macmillan company, 1930. 590 p.

36. Richards, J. G., jr. History of secondary education in South Carolina. (Reported by Division of information and statistics, North Carolina State department of education, Raleigh.)

37. Ruppy, Jird. A history of the school lands of Tennessee. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 69 p. ms.

38. Robinson, Ivor James. A history of Oakland city college. Master's thesis, 1930. Indiana university, Bloomington. 130 p. ms.

39. Schellhammer, Fred M. A history of educational progress in the Colonial South. Master's thesis, 1930. College of the City of New York, New York, N. Y. 84 p. ms.

Findings: The prerevolutionary era does not reveal any distinctive trends. The basis of demands for compulsory education was essentially economic and social. Education followed strict social lines.

40. Sheffield, H. Abell. Education in Caswell county, North Carolina [1930]. University of North Carolina, Chapel Hill.

This study summarizes historical development, present conditions and recommendations for future growth in Caswell county, N. C.

41. Sheldon, Henry Davidson. A critical and descriptive bibliography of the history of education in the State of Oregon. Eugene, Oreg., University of Oregon, 1929. 16 p. (University of Oregon publication, vol. 2, no. 1.)

42. Short, George A. Development of education in Wilson county, North Carolina. [1929]. University of North Carolina, Chapel Hill.

The study summarizes historical development, present conditions and recommendations for future growth in Wilson county, N. C.

43. Sledd, Gladys. Secularization of the elementary school as revealed in theory and practice since the time of Comenius. Master's thesis, 1930. Wake Forest college, Wake Forest, N. C.

44. Smith, Ruth M. Education in American literature of the 1850's. Master's thesis, 1929. Southern Methodist university, Dallas, Texas. 167 p. ms.

A study of educational theories, practices and tendencies as revealed in the writings of the leading men of letters and minor writers of the period; and ideas revealed through literature of subsequent periods reminiscent of the 1850's. Interesting information is summarized concerning types of schools, buildings and equipment; improvement in library facilities, methods of teaching and educational practices.

45. Squires, Vernon P. History of the University of North Dakota. 1929. First part published in the *Quarterly journal of the University of North Dakota*, 18: 313-44, July 1928; 19: 3-33, November 1928; 103-131, January 1929.

History of the University of North Dakota since 1883.

46. Tyler, R. W. A course in history of education. Educational research bulletin (Ohio State university), 9: 57-65, February 5, 1930.

An experiment in selecting and organizing content in a course in the history of education which will make more certain the development of courses actually helpful in explaining the present educational order.



47. Tyree, Elizabeth Davis. The development of public secondary education in North Carolina Master's thesis, 1930 Duke university, Durham, N C

A historical survey of North Carolina secondary education beginning with the graded school movement and tracing standardization, classification, and growth, down to 1927.

48 Vorhees, W. C. History of education in Stokes county, N C. Master's thesis, 1930 University of North Carolina, Chapel Hill

Shows the development and present problems of education in Stokes county, N C.

49 Wesley, W. M. The history of education in Mercer county, Ky Master's thesis, 1930 University of Kentucky, Lexington 205 p ms

50. White, Joseph B Education in Texas from 1865 to 1876 Master's thesis, 1929 Southern Methodist university, Dallas, Texas 123 p ms

A study of education in Texas at the close of the Civil war, schools in the reconstruction period to 1870 and public adoption of the Constitution of 1876 Findings: Facilities for higher education were practically wanting, academies were the means of secondary education, primary education was in private institutions and from common schools under the management of civil authorities, free public school system was unsatisfactory Tells of the development of private and church schools and the authorization of city school systems

51 Wilkerson, Burford. A history of the Eugene (Oregon) public schools Master's thesis, 1930 University of Oregon, Eugene 59 p ms

A local history—covering years of 1897-1915

52 Woolworth, Elizabeth A history of the development of the high schools of Texas Master's thesis, 1930 University of Chicago, Chicago, Ill

A study of the development of the high school of Texas from 1878 to the present time

53 Worthington, Elnor Lee A history of the development of public high schools in Michigan Master's thesis, 1930 University of Chicago, Chicago, Ill

An historical account and study of the evolution of the public high schools of Michigan from the beginning down to the present date

54 Yarbrough, Mrs Eunice K. Education in American literature of the 1840 s. Master's thesis, 1929 Southern Methodist university, Dallas, Texas 206 p ms

A study of educational ideas in the writings of leading men of letters and minor writers of the period, and ideas revealed through literature of later periods reminiscent of the forties Information is summarized concerning kinds of schools, materials and equipment, educational practice and popular tendencies

See also 143 144, 153, 173, 472, 645, 1134, 1186, 1193, 1264, 1350, 1480, 1490, 1525, 1624, 1678, 1706, 2070-2071, 2078, 2120, 2137, 2229, 2260, 2291, 2462 2567, 2609, 2645, 2672, 2686, 2712, 2732, 2973, 3301, 3423, 3439, 3641, 3777, 3827, 3834, 3961, 3929, 4131, 4272, 4374, 4382, 4415, 4514, 4535

## EDUCATIONAL BIOGRAPHY

55 Albertson, Genevieve Schoolmasters and abolitionists A study of Thoreau and Alcott. Master's thesis, 1929 Teachers college, Columbia university, New York, N Y 61 p ms

56 Biedl, John Orth. Life and philosophy of Orestes A. Brownson Doctor's thesis, 1930. Marquette university, Milwaukee, Wis 129 p

57 Burlingame, Jane. The relation of Matthew Arnold and Thomas Arnold. Master's thesis, 1930 University of Chicago, Chicago, Ill.

58 Clemens, Richard Herder in relation to the philosophy of history. Master's thesis, 1930 New York university, New York, N Y

59 Cook, Elsie M. Educational views expressed in Wordsworth's poetry. Master's thesis 1930. New York university New York N. Y.

60 Ezell Mrs. Eula Doherty. Hollingsworth and his times 1874-1883. Master's thesis 1929. University of Texas Austin.

A history of O. N. Hollingsworth's work and his contributions to education in Texas. Hollingsworth was State superintendent of public instruction for Texas from 1883 until the abolition of the office in 1875; he was then made secretary to the State board of education, an office which he held until 1883.

61 Ferring Clarence A. Friedrich Wilhelm Foerster character educator. Master's thesis 1930. Catholic university of America Washington, D. C. 70 p.

62 Fiedler George Louis. The work and leadership of William T. Harris in American education. Master's thesis 1930. University of Chicago Chicago Ill.

63 Galloway Dorothy James. Wickleborough Greenwood educator. An evaluation of his services as an educator and of his contributions to educational thought. Master's thesis 1930. Washington university St. Louis Mo.

64 Hardy Treasle Ellen. Luther A. Weigle as a religious educator. Master's thesis 1929. New York university New York N. Y. 100 p.

65 Harris Alfred Perego. Walter S. Athearn as a religious educator. Master's thesis 1930. New York university New York N. Y. 82 p.

66 Harveson Mae. Life and work of Catherine I. Beecher. Doctor's thesis 1930. University of Pennsylvania Philadelphia.

67 Keim Charles Kane. Isocrates as an educator. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 307 November 1930. (Abstract).

68 Knight Edgar W. Notes on John Chavis 1930. University of North Carolina Chapel Hill. (Published in the North Carolina historical review July 1930).

Brings together a complete bibliography on this prominent ante bellum negro preacher and teacher. Shows no evidence of the tradition that Chavis studied at Princeton but does show that he was a student at what is now Washington and Lee university.

69 Mass Andrew H. Icare Girard Swiss educational reformer. Master's thesis 1930. Catholic university of America Washington D. C. 111 p. ms.

70 Sample Sue Alice. A study of Louise Clarke Lynelle. Master's thesis [1930] George Leubody college for teachers Nashville Tenn. 70 p. ms.

Life and character of Louise Clarke Lynelle and her treatment of southern life and childhood.

71 Thomas Marjorie. Mary Mapes Dodge as editor and author of children's literature. Master's thesis 1930. George Leubody college for teachers Nashville Tenn. 276 p. ms.

A thorough study of the life, juvenile writings and editorship of Mary Mapes Dodge Findings. She was versatile in her literary pursuits and successful in each type of work that she undertook. She was an innovator in three fields. In that of juvenile poetry in that of juvenile prose and in the editorship of a juvenile publication.

72 Walker Evelyn. A study of the *Traité des indivisibles* of Gilles Personne de Roberval. Doctor's thesis 1930. Teachers college Columbia university New York N. Y.

After a study of the translation of the *Traité* the other works of Roberval search among the letters of Roberval and his contemporaries and the reading of statements of his contemporaries and later historians of mathematics it was found that Roberval invented a method of integration by means of infinitesimals founded his treatment of infinitesimals upon an arithmetic basis applied his method in order to establish a number

of quadratures and cubatures and to find the center of gravity of certain plane and solid figures. He set out to draw the first trigonometric graph. He made researches in connection with the cycloid, and constructed the tangent to the cycloid. His influence as a teacher, member of scientific academies, and correspondent with other scientists was more widespread than has been generally realized.

## CURRENT EDUCATIONAL CONDITIONS

### GENERAL AND UNITED STATES

73 Abel, James F. A graphic presentation of statistics of illiteracy by age groups. Washington, United States Government printing office 1930 14 p (U S Office of education Pamphlet, no 12, April 1930)

74 Andrews, Edward D. The academies and county grammar schools of Vermont. Doctor's thesis, 1930 Yale university, New Haven, Conn

75 Bueno, Ramon. A study of the progress in the development of education in the Philippine Islands. Master's thesis 1930 University of South Dakota Vermillion 85 p ms

76 Burke, J E. Some criteria for a program of public education. Doctor's thesis, 1930 New York university, New York, N Y 219 p ms

An analysis of 24 selected books regarding conditions and trends in contemporary American civilization

77 Burr, Samuel Engle. Some recent developments in public education 1929 Public schools, Lynn, Mass ms (Research bulletin no 9)

78 California. State department of education. Biennial report, 1928—Part II Sacramento, Calif, 1929

79 ——— Statistics of California city school districts Sacramento, California state printing office, 1930 76 p (Bulletin no J 2)

80 Caswell, H L. Is the school survey movement dead? *Peabody journal of education*, 7 108-14, September 1929

This contains two tables, one showing the number of surveys made from 1910 to 1927, by years and another showing the agencies making the surveys

81 Clagett, Arthur Ellis. A school system winning the confidence and support of the community. Master's thesis, 1930 University of California, Berkeley 38 p ms

Describes a survey of community and home life of the village of Oakwood Ohio the inauguration and pursuit of policies for improving the school system and for winning the confidence and support of the community, and the outcomes of the policies inaugurated and pursued. Suggests school curriculum based on occupations interests, education church affiliations and future plans for children of the families of Oakwood as established by a questionnaire

82 Collings, Ellsworth, and others. A survey of the Bartlesville, Okla. school system 1929 University of Oklahoma, Norman 120 p ms

An educational survey covering the ability and achievement of pupils personnel curriculum and supervision.

83 Columbia university Teachers college Institute of educational research Division of field studies Report of the survey of the schools of the Panama Canal Zone Mount Hope, Canal Zone, Panama Canal press, 1930 221 p

N L. Engelhardt director

84 Cook, Leroy Lincoln. A survey of the Mooresville schools Mooresville, Ind. Master's thesis, 1930 Indiana university, Bloomington 248 p ms

85 Davidson, G C. Scotch Irish and education in North Carolina [1930] University of North Carolina, Chapel Hill

86 Davis, Chester Kerr. A survey of the schools of Miami, Ariz. Master's thesis, 1930 University of Southern California, Los Angeles ms

87 Dawson Howard A and Little Harry A Educational surveys of counties in Arkansas Little Rock Ark State department of education 1930

The following counties were surveyed Ashley Baxter Bradley Cathoun Chicot Clay Cleveland Columbia Dallas Drew Greene Independence Johnston Lee Lincoln Marion Monroe Montgomery Nevada Newton Polk Polk Pope Prairie Saline Searcy Sebastian Sevier and Van Buren

88 Deffenbaugh W S Significant movements in city school systems. Washington United States Government printing office 1929 21 p (U S Office of education Bulletin 1929 no 16)

Advance sheets from the Biennial survey of education in the United States 1926-1928

89 Estrellas Angel R A comparative evaluation of the public-school systems of the United States and of the Philippines. Masters thesis 1930 University of Arizona Tucson. 111 p ms

A comparison is made of supervision administration teacher selection teacher placement and finance in the United States and the Philippines

90 Gwyn Morgan H (Taylor Pa) Study of illiteracy in Pennsylvania [1930]

Findings Illiteracy is decreasing but agencies in many cases are inadequate and lack concerted effort properly directed to attack the problem vigorously

91 Harrington Gerald F Analysis of the city of Scranton to determine the influences affecting the present and future of Scranton's school population. Masters thesis 1930 New York university New York N Y

92 Harton Benjamin Love Jr The development of public education in South Carolina as revealed by legislative action and supreme court decisions. Masters thesis 1930 Duke university Durham N C

93 Hathaway J O Phases of educational interest since 1900 as indicated by a study of selected sample of educational periodicals and addresses and proceedings of the National education association. Masters thesis 1930 University of Illinois Urbana

94 Hurley Dwight Fennington Survey of public schools Charles Town W Va. Master's thesis 1929 University of Virginia Charlottesville

95 Indiana Department of public instruction Annual report of the Department of public instruction for the fiscal year ending September 30 1929 Indianapolis Ind [1930]

96 Kaster Charles A An educational survey of the Goddard public schools 1930 University of Wichita Wichita Kans 80 p ms

97 Knight Edgar K Education in North Carolina [1930] University of North Carolina Chapel Hill

98 ——— Education in the South 1930 University of North Carolina Chapel Hill Outlook and Independent 154 47-49 January 8 1930

Shows why the Southern States are below national standards in education

99 Lynn Mass Public schools Department of research and statistics Some recent developments in public education 1929 26 p ms (Research bulletin no 9 November 18 1929)

Presents recent developments in public education in summary form No attempt has been made to present a complete statement of all developments throughout the country but only those of particular importance in connection with possible local developments have been chosen Shows how progressive communities are translating philosophic principles psychological truths and research findings into tangible educational practices

100 McCabe Martha R comp Record of current educational publications January to December 1928 with index Washington United States Government printing office 1929 128 p (U S Office of education Bulletin 1929 no 24)

101 ——— Record of current educational publications January to June 1929; July to September 1929, October to December 1929, January to March 1930, April to June, 1930 Washington United States Government printing office, 1929-1930 54 p, 31 p, 70 p, 46 p, 49 p (U S Office of education Bulletin 1929, no 33, 1929, no 37, and 1930, no 4, 15, 32)

102. Martin, Charles William A survey of the public schools of Imperial county, Calif Masters thesis, 1930 University of Southern California, Los Angeles ms

103 Myers, C E Princess Anne county survey report 1929 State department of education, Richmond Va ms

104 National education association Department of superintendence Education discussed in lay magazines, February 1, 1930, April 1, 1930, June 1 1930 Washington, D C, 1930 (Educational research service circular, no 2, 5, and 7, 1930)

105 ——— Research division A self survey plan for state school systems, Part I, Checklists, Part II, Handbook Washington, D C, 1930 (Research bulletin, vol 8 no 2, March 1930, vol 8, no 3, May 1930)

106 Newton, Beulah T A survey of Hamburg public schools, Hamburg, N Y, school year 1928-1929 Masters thesis, 1930 University of Buffalo, Buffalo, N Y 80 p ms

The study shows that Hamburg is supporting an efficient school system and that its financial resources show it is capable of supporting an efficient school system

107 North Carolina education association Committee on public information Education in North Carolina 1900 and now Raleigh, Bynum printing company, 1930 62 p

Takes up the study of education and wealth in North Carolina, the old school and the new in regard to curriculum scope cost of teaching taxes for school purposes value of agricultural education, etc.

108 Ohio State department of education A two-year report of the State department of education in Ohio Part I Columbus, Ohio [1930]

109 Pennsylvania Department of public instruction Report of the superintendent, 1926-1928 Harrisburg Pa 1930

110 Penrose, A. Z Survey of Morgan county Master's thesis 1930 Ohio state university, Columbus 97 p ms

The conditions in the entire county were studied Findings The 16 school districts should be reduced to eight, four high schools are needed in the county instead of eight, one county board and one clerk are needed instead of 16 local organizations

111 Phillips, Frank M Statistical summary of education, 1927-1928 Washington, United States Government printing office, 1930 16 p (U S Office of education. Bulletin, 1930, no 3)

112 ——— Statistics of city school systems, 1927-1928 Washington, United States Government printing office, 1929 193 p (U S Office of education Bulletin, 1929, no 34)

Advance sheets from the Biennial survey of education in the United States 1926-1928

113 ——— Statistics of state school systems, 1927-1928, Washington, United States Government printing office, 1930 58 p (U S Office of education Bulletin 1930 no 5)

Advance sheets from the Biennial survey of education in the United States 1926-1928

114. Place, George A. A survey of Salamanca public schools, Salamanca, N Y, school year, 1926-1927. Master's thesis, 1930 University of Buffalo, Buffalo N Y 104 p ms

In his conclusions the author makes recommendations including a change in the method of election of the commissioner of education, the adoption of a single salary schedule the coordination of extracurricular activities etc

115 Rankin, Mrs Osa Fisher. The development of education in Sedgwick county, Kans Master's thesis, 1930 University of Wichita, Wichita Kans. 161 p ms

116 Rhode Island Public education service Survey of public schools of East Greenwich, R I authorized by the State board of education [Providence, R I] 1930 20 p (Rhode Island education circulars)

117 ——— Survey of public schools of Johnston, R I, authorized by the State board of education [Providence, R I] 1930 24 p (Rhode Island education circulars)

*Findings* A great need of educational accommodations was found older schools need to be improved and new endeavors should be made to teach all pupils

118 ——— State board of education Survey of public schools of Gloucester, R I [Providence, R I] 1930 16 p (Rhode Island education circulars)

From this survey it was found that the main handicaps of the school system are widely scattered school population small buildings not adapted to school work poor hygienic conditions a large number of small classes in each schoolroom and insufficient equipment for effective work

119 Rogers, Marvin Alexander The small town as a factor in American education Master's thesis 1930 Stanford university, Stanford University, Calif

120 San Diego, Calif Public schools Superintendent's report—Statistical summaries 1921-1929 1929

121 Scott, A. S. A study of the Fessenden school Martin Fla Master's thesis 1929 Ohio state university, Columbus 82 p ms

A study to ascertain the conditions at Fessenden school as shown by comparisons with other schools and recently established standards *Findings* Pupils are housed in poor buildings, not enough of the principal's time is given to supervision, teachers compare favorably with those in two other schools the school is offering sufficient training in the traditional subjects and too little in studies that will do the things that need to be done, the pupils did poor work in arithmetic algebra spelling reading and writing

122 Seaman, Wallace M An educational survey of Cheney, Kans Master's thesis, 1930 University of Wichita, Wichita, Kans 103 p ms

123 Smith, G Wheeler. A survey of the Simi Valley union districts Master's thesis, 1930 University of Southern California, Los Angeles ms

124 Starr, Mary M Educational trends in the United States as shown in the proceedings of the National education association Master's thesis, 1930 Yale university, New Haven, Conn

125 Steinmetz, Kathryn Elsie A survey of educational progress in a Chicago school Master's thesis 1930 University of Chicago Chicago Ill

126 Stewart, John W Curriculum enrollment trends in Ohio 1912-1930 1930 Ohio state university, Columbus

127 Strayer, George D and Engelhardt N L Report of the survey of the schools of Holyoke, Mass. 1930 Teachers college Columbia university, New York N Y Holyoke, Mass, Board of education, 1930 479 p

128 Strohecker, Henry O Present day public education in the county and city of Charleston, S C Master's thesis, 1930 University of South Carolina, Columbia 113 p ms

129 Thorne, Mary H Relations between crime and education Master's thesis 1930 New York university, New York, N Y

130 Tolson, Norma Anne The waste of time in American education. Master's thesis, 1930 Stanford university, Stanford University, Calif

131 Trenton N J Public schools. Annual reports and statistics for the school years ending June 30 1926 1927, 1928 and 1929 63 p

This report includes the usual financial and educational statistics for the four years named together with a narrative chapter regarding the most outstanding happenings during that period

132 United States. Office of education Biennial survey of education 1926-1928 Washington United States Government printing office 1930 1229 p

133 Vaughan William Andrew A survey of certain aspects of the public school system of Caroline county, Virginia Master's thesis 1930 University of Virginia Charlottesville

134 White, W W and Pierce, John M. Preliminary survey of the city government and schools of Alhambra Calif 1930 California taxpayers association Los Angeles Calif 27 p ms

135 Whyteck H B and Fritch, C Lorene Educational survey of the Glendale intermediate schools school year 1929-1930 1930 Public schools Glendale Calif 15 p ms

136 Wipperman Arno Arthur The reorganization of the educational system in the Marquette community Green Lake county Master's thesis 1930 University of Wisconsin Madison

137 Wood Lynn A. A comparative study of the public schools in Mississippi Master's thesis 1930 George Peabody college for teachers Nashville Tenn 71 p ms

A comparison of 12 delta counties and 12 hill counties in Mississippi as to educational achievement and educational burden Findings The hill counties have attained the higher degree of educational achievement and they have the greater educational burden

138 Wright, Frank M. A survey of the El Monte school district Master's thesis 1930 University of Southern California Los Angeles ms

See also 153 162, 163, 183-187

# FOREIGN COUNTRIES

139 Abel, James F National ministries of education Doctor's thesis 1930 George Washington university Washington D C Washington United States Government printing office 1930 168 p (U S Office of education Bulletin 1930 no 12)

Discusses the history characteristics nature and functions of the national ministries of education and their relation to the three levels of education Describes in detail the ministries of England France and Mexico Findings Fifty five countries have such ministries Their authority is limited to general education The relation to elementary education is complicated and varies much in different countries to secondary education it is direct authoritative and fairly well defined The relation to higher education varies from the entire freedom of English universities to the entire control exercised by the ministry over the universities in Spain A ministry of education is not essential to a good national system of education nor is its existence a guarantee of good schools By taking into consideration their own conditions history scheme of government and cultural status the people of each country must work out for themselves the advisability of administering or directing education through a national ministry

140 Aikenhead John Douglas Consolidated and nonconsolidated schools in Manitoba Master's thesis 1930 University of Chicago Chicago Ill

141. Ambros, M. Vejchoda. Study of the foreign institutions preparing teachers of physical education International Young Men's Christian association college Springfield Mass [1930?]

Between 35 and 40 such institutions are covered by the study

## RESEARCH STUDIES IN EDUCATION

142 Anderson, Carl Anthony. An educational index for the provincial school systems in Canada Master's thesis, 1929 University of California, Berkeley 32 p ms

A review of studies already made as guides to indices to the Canadian provincial school systems The data of this thesis and the findings warrant the conclusion that there are marked differences in the efficiency of the school systems of the provinces of Canada

143 Anderson, Hobson Dewey. Historic development and present status of physical culture in Russia Master's thesis, 1930 Stanford university, Stanford University, Calif

144 Bogoslovsky, Mrs Christian Stael von Holstein Recent educational developments in Sweden in the light of American experience Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y

The study based on a brief history of Sweden, school legislation, and American influence on the most recent Swedish educational activities proves that there has been American influence on Swedish education in better school buildings educational opportunities for women, child psychology libraries, etc Survey of important educational problems in Sweden suggests that their treatment might profit by positive and negative experience of America and that Sweden could offer valuable experience to America in many lines of educational development

145 Borgeson, F. C Training elementary school teachers in Sweden Elementary school journal, 30 656-68, May 1930

In Sweden there are 15 normal schools with four year courses designed to prepare teachers for the higher elementary schools There are 28 primary normal schools for training primary school teachers Elementary school teachers must be members of the Swedish state church and must be known for their creditable conduct; must be free from sickness and physical defects that would make them unsuitable for teachers, must have passed elementary school teacher's examinations, must be 21 years of age The number of students allowed to enter normal school is limited

146 Buongiorno, Rose New ideals and practices in the public instruction of modern Italy Master's thesis, 1930 New York university, New York, N Y. 84 p ms.

Historical development of educational progress in Italy From this study it was found that the new education is more democratic and the requirements more rigid for all professions than formerly

147 Chey, Soon Ju. A suggested commercial curriculum for the Chosen Christian college in Korea Doctor's thesis, 1930 New York university, New York, N Y 271 p ms

A survey of the economic background of Chosen to determine its needs and possibilities Findings: A complete revision of business education is necessary Business education is to aid Chosen in its period of economic reconstruction

148 Conway, Joseph. La morale laïque of the French schools Master's thesis, 1930 Catholic university of America, Washington, D. C. 88 p ms

149 Corey, Stephen M. American interest in foreign education, a century ago Journal of educational research, 22: 44-46, June 1930

This study concludes that much interest is shown to have existed at the time indicated in the title

150 Cummings, J. B Teaching Bible to non Christian college students of the Punjab 1930 Westminster college, New Wilmington, Pa 132 p ms

Investigation of students attitudes as related to Bible study and consideration of means to present the Bible in the light of these attitudes Student attitudes opposed to effective Bible teaching were fear of social, economic, and physical harm, ignorance of religious matters, traditional bias and nationalistic bias Means toward effective presentation found were adequate preparation of the teacher in religious experience and in scholarship and an application of numerous specific remedies

151 Davies, Everett S A curriculum of Christian religious education for West Africa Master's thesis, 1930 Yale university, New Haven, Conn.



152 Dickinson Frank. The teaching of agriculture in union high schools in the province of Sze Chuan West China to meet rural needs Master's thesis 1929 Cornell university Ithaca N Y

153 Dilling Hilda A History of the education of women in Egypt Master's thesis 1930 University of Chicago Chicago Ill

Historical background organization of the educational system beginning of education for girls development of primary and secondary schools and colleges for women and influence of the education of women in the civic and social order are taken up in this study

154 Edwards Joyce A philosophy of education for federated India Doctor's thesis 1930 New York university New York N Y

155 Eginton Daniel P A comparison between the control of education in England and New Jersey as a State in the United States Doctor's thesis 1930 Teachers college Columbia university New York N Y

This is an interpretative study and includes all the various phases of national life of England and America as they influence the control of educational developments and determine the underlying principles A survey of New Jersey as a State is compared with England Significant findings are taken up under England United States and New Jersey

156 Esterly Virginia Judy The higher education of women in Denmark Master's thesis 1930 University of California Berkeley 207 p ms

A historical study of the educational systems of Denmark with the hope of finding some suggestions as to American needs in women's education and education that will properly fit them to be home-makers Findings Data show strength of the private girls schools state system is extremely conservative there is much experimentation in the private schools Danish folk high schools are the most significant and effective free experiment in Denmark nursery schools and kindergartens are all private church influence is strongest in private schools and there is a definite move toward higher humanist education for women but still much room for improvement

157 Gardner Dorothy Aline Mental fatigue of Japanese children Master's thesis 1929 University of Denver Denver Colo 124 p ms

The purpose of the study was to determine how Japanese children compare with children of other races in their ability to resist the onset of mental fatigue mental fatigue being used throughout the study in the sense in which it has been defined by Garth as a loss of internal efficiency in mental processes

158 Gordon Devapriam S Educational reconstruction in South India Master's thesis 1930 Teachers college Columbia university New York N Y 33 p ms

159 Grunberg Agnes B Secondary education in Germany after the war Upper Darby high school Upper Darby Pa 60 p ms

160 Howrani Raja Faris The proposed national school of Damascus Master's thesis 1930 Teachers college Columbia university New York N Y 20 p ms

A study showing the need for a native (national) school in Damascus and the reasons for choosing Damascus in Syria

161 Hsu Marian A program of study for junior grades of the first high school in Foochow city China Master's thesis 1929 New York university New York N Y

162 Hsu Princeton S America's contribution to the new education of China Master's thesis 1930 George Peabody college for teachers Nashville Tenn 79 p ms

This study covers American mission education Chinese students in America American remission of Boxer indemnity for educational purpose and other important American influences

163 Kakouris Nicholas Teacher training in Greece Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 99 p ms

164. Kane Mrs Julia I The present status in laws and practices in the education of women Masters thesis 1930 University of Arizona Tucson 92 p ms

A study of educational practices in Japan Italy Russia England Spain No material difference was found between the education of men and that of women

165. Kilander Holger F Science education in the secondary schools of Sweden Doctor's thesis 1930 Teachers college Columbia university New York N Y

Science classes in all types of schools in Sweden were visited conferences and discussions were held with science teachers authors of science texts and other educators science education literature including courses of study etc were studied Findings Science holds a prominent place in the interests and activities of Swedish people science training occupies a place of much more importance than in the secondary schools of America it begins earlier in Swedish schools each science is taught yearly so that a student is studying three sciences simultaneously laboratory work is very limited though demonstration experiments are numerous There is uniformity of agreement in regard to the relative place of stress on sciences between different school types Stress in lower grades is on practical content and application in the higher grades it is on the theoretical and mathematical Instruction centers around teacher and class demonstration rather than upon textbook Trend in science instruction is toward individual laboratory work elimination of nonessentials Secondary school teachers have training equivalent to a master's degree

166 Knight Edgar W Reports on European education New York McGraw Hill publishing company 1930 316 p

An account of the influence of observations of European education in the early part of the 19th century upon education in the United States deals especially with the impressions reported by John Griscom in 1819 by Victor Cousin in 1831 and Calvin E Stowe in 1837

167 Lee Ling Ayl Mass education movement in China Masters thesis 1930 Teachers college Columbia university New York N Y 33 p ms

168 Lei Stephen Chiang A religious curriculum for Christian schools in China Masters thesis, 1930 Yale university New Haven Conn

169 Lin Mosel Public education in Formosa under the Japanese administration 1929 Teachers college Columbia university New York N Y

The object of this study was to make a survey of the educational system the process of its development and the principles determining its development to study analytically the causes and effects of the cultural conflicts and harmonies upon educational activities and to find out constructive ways for their improvement

170 Ling C L Recent technics of supervision as related to the improvement of instruction (with particular reference to their use in Chinese education) Masters thesis 1930 Northwestern university Evanston Ill

171 Liu Sao Dso Extra class activities of pupils in a junior high school in China Masters thesis 1930 University of Chicago Chicago Ill

172 Lofffield Gabriel E Secondary education in Norway Washington U S Government printing office 1930 112 p (U S Office of education Bulletin 1930 no 17)

173 Lyon William B The history of the development of religious education in Korea Master's thesis 1930 Northwestern university Evanston Ill

174. Manikam Doss J Nationalism and education in India Masters thesis 1930 Teachers college Columbia university New York N Y 67 p ms

175 Marshall Mortimer Vilhers An evaluation of the present teacher training program in Nova Scotia with recommendations for its improvement. Doctor's thesis 1930 Harvard university Cambridge Mass

Findings The program for teachers in training in Nova Scotia is carried out by the Provincial normal college two summer schools and departments of education in four

universities Teachers licenses are granted on the basis of an examination Students at the Normal college are of meagre scholarship and expect to be trained in a short time after which they are given life certificates entitling them to teach any subject to any grade in any type of school

\* 176 Meier Lois Natural science education in the German elementary schools Doctors thesis 1930 Teachers college Columbia university New York N Y New York City Teachers college Columbia university 1930 158 p (Contributions to education no 445)

The study was undertaken as an investigation of natural science education in German elementary schools and teacher training institutions with possible implications for natural science education in similar American institutions Observations and research for the study were carried on in Germany over a period of 13 months in 1927 and 1928 From a study of educational practices in Germany certain implications with regard to natural science education in the United States are evident The situation in the United States is less open to analysis than in Germany where natural science and its introductory study *Heimatkunde* are prescribed subjects of the curriculum which is determined by the Ministry of education of each state

177 Miller, Ernest Edgar The problem of national education in India Masters thesis 1929 New York university New York N Y 127 p

178 Moore, Jessie Marie Woman's work in Brazil of the Methodist Episcopal church South Masters thesis 1930 George Peabody college for teachers Nashville Tenn 150 p ms

A study of the educational and evangelical institutions in Brazil which belong to the woman's department of the Board of missions Methodist Episcopal church South Emphasis is placed on the effort of this board to improve the religious moral and social conditions of Brazil The evidence presented gives clear proof that woman's work has had a wholesome effect upon Brazilian society which amply justifies its continuance

179 Pawley, Annabelle The development of education for women in Japan. Masters thesis 1929 New York university New York N Y 76 p

180 Salas Silva Irma The socio-economic composition of the secondary school population of Chile Doctor's thesis 1930 Teachers college Columbia university New York N Y 1

Data based on the Sims score card for the measurement of the socio economic status were collected from 3102 school children in Chile tabulated and analyzed Findings High school becomes progressively selective secondary school is slightly more accessible for boys than for girls geographic location is of relative unimportance in connection with problem of selection in high school Commercial schools are less selective than the high school Chilean high school pupil is relatively rich in cultural possessions material possessions and outside contacts are not equally satisfactory Mortality of parents and order of birth affects persistence in high school Seventy eight per cent of the girls and 70 per cent of the boys entering high school expect to graduate 70.6 per cent expect to enter the university Expectation of preparing for liberal professions is greatly influenced by parental occupation

181 Shuman, W L Organization and administration of public education in Canada Masters thesis 1929 Ohio state university Columbus 130 p ms

The study deals with the organization of provincial systems of education local organization and administration financing education teacher training and compulsory education

182 Siddalingaiya M Reconstructing village elementary education in Mysore India Doctors thesis [1930] Teachers college Columbia university New York, N Y 1

Reports surveys and trends of education in the United States Philippine Islands and Mysore and India were studied and compared Findings Present day educational philosophy and methods as used in Mysore must be abandoned and replaced by a new synthesis of knowledge and a radical redepartmentalization of the curriculum in the light of the interests needs and activities of child life and adult society and environmental conditions New textbooks must be set up objective tests must be devised and administered primary education must be expanded and spread and compulsory education effected coordination and continuity of work between grades must be improved Work of one

teacher schools must be improved by adopting devices of alternation and combination of grades or alternation and combination of subjects. A new type of school called the rural community school should be organized and linked with it should be vocational schools. Curriculum of normal school must be revised so as to have professionalized subject matter courses and special courses for training of village teachers. Special attention must be paid to the education of girls and adult women.

183 Smith Harold Fred. Elementary education in Shantung China: a study of the reorganization of the curriculum to relate it to rural life and in connection with this a course of education for teachers. Doctor's thesis 1930 Teachers college Columbia university New York, N. Y. New York city. Harold Fred Smith 1930 32 p.

Social economic industrial and educational conditions in rural China with special reference to Shantung were studied in an attempt (1) to formulate objectives for rural education which will make the most of the peculiar advantages of rural schools while surmounting as far as possible their limitations (2) to experiment with a socialized curriculum and (3) to draw up curricula for the preparation of teachers on the secondary level. A study was also made of rural extension work and normal school curricula in America with the idea of adapting the methods to work in China. Findings: The traditions of uselessness of education to the ordinary person, memoriter and lecture methods of study and teaching, divorce of manual and mental labor and long hours of school interfere with progress. Since 1920 modern education has been greatly hampered and often stopped by general political and military upheavals. Objectives for education in America are generally applicable to China and have been fairly well formulated by Chinese educators. Rural school should be recognized and the curriculum simplified and regrouped so as to give the teacher more time. Normal training for teachers of primary schools in Shantung must remain on the secondary level for many years.

184 Smith Matthew. Factors contributing to the development of the curriculum of public secondary education in Mexico from 1867 to 1927. Doctor's thesis 1930 University of California Berkeley 158 p. ms.

This study is limited to the National preparatory school and the various public institutions of secondary instruction in the 28 states. Findings: Conservative character of secondary education in Mexico is the product of the dominating influence exerted by legislative authority, professional requirements and social distinctions. Curricula are formed by legal enactment; subjects have been strictly preparatory in character; technical industrial and commercial education has been completely separated from the preparatory schools and not admitted to equal rank with academic subjects in secondary education; schools have not been responsive to social needs. American education has furnished inspiration for modern reorganization of the secondary curriculum along psychological and democratic lines.

185 Stearns, Virginia Harlow. Egyptian education with special reference to secondary education. Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 107-108 December 1930 (Abstract).

Describes two systems of education, the old and the new, which exist side by side in Egypt.

186 Thomson Marjorie Utter. Origin and development of the Danish folk high school with some implications for American education. Master's thesis 1930 University of Southern California Los Angeles ms.

187 Weil Truda Theresa. Creative education in contrasted European and American schools. Master's thesis 1930 New York university New York, N. Y. 50 p. ms.

This study covers Die Odenwaldschule of Germany, Die Landerziehungsheime movement in Germany, Versuchsschule 46 and Die Dürerschnle of Dresden, the Haldheime of Germany, the fellowship school of Switzerland, state schools of Arles, France, the Bronxville schools, Massanut school etc. of America. Both American and European schools are making rapid progress with the new education but European schools are richer spiritually.

188 Wright, Edwin M. The background of present Moslem education in Persia. Master's thesis 1930 Teachers college Columbia university New York, N. Y. 40 p. ms.

180 Yanbey, Jesal B. Methods of developing native Christian leadership in China. Master's thesis, 1930. Teachers college, Columbia university, New York, N Y. 33 p. ms.

A study of incentives leading to types of preparation for and opportunities for a true Christian leadership in China. Findings: Two influences have been dominant in this field, one toward information and one toward practical efficiency in the field of service.

190 Yoshikawa, Tetsutaro. Social change and educational theory and practice in Japan. Master's thesis, 1930. University of Southern California, Los Angeles. ms.

See also 27

#### INTERNATIONAL ASPECTS OF EDUCATION

191. Addison, W. D. The educational activities of Kiwanis International. Master's thesis, 1930. University of Chicago, Chicago, Ill.

A study of the educational activities of Kiwanis related to the public schools. A detailed descriptive and statistical analysis of various types of educational work sponsored and encouraged by Kiwanis clubs of the United States and Canada.

192 Hewlett, Theodosia and Connely, Willard. A decade of international fellowships. A survey of the impressions of American and foreign exfellows. New York, Institute of International Education, 1930. 40 p. (11th ser. Bulletin no. 2).

Experiences and reactions of Institute fellows abroad and in the United States during the past ten years. Several hundred American and foreign fellows contributed through replies to questionnaires, special communications, etc.

193. Lew, Edward L. International peace and the elementary school. Master's thesis, 1930. Catholic university of America, Washington, D. C. 67 p. ms.

194. Lovell, Katharine and Hewlett, Theodosia. Fellowships and scholarships open to foreign students in the United States. New York, Institute of International Education, 1929. 88 p. (10th ser. Bulletin no. 2).

195. Mitchell, Ruth C. Foreign students and the immigration laws of the United States. New York, Institute of International Education, 1929. 30 p. (11th ser., Bulletin no. 1).

196. Sackett, Everett B. The administration of the international school correspondence of the Junior Red Cross. Doctor's thesis, 1930. Teachers college, Columbia university, New York, N. Y.

A questionnaire was sent to 200 school officers in the United States who had had experience with international school correspondence. Replies were received from 101. It was found that the Junior Red Cross school correspondence has educational value because it motivates school work in a wide range of subjects and gives the children an opportunity to work with other members of the group. Correspondence tends to bring home realization that citizens of other countries are human and furthers international solidarity of the Junior Red Cross. Improvements in the administration of the activity are recommended.

See also 1541

#### EDUCATIONAL THEORY AND PRACTICE

197. Baxter, Tomsie. Discussion as a technique in teaching. 1930. Teachers college, Columbia university, New York, N. Y. 18 p.

A treatment of group discussion technique in developing character confidence in one's self, a more open-minded attitude toward other people's opinions, qualities of leadership, etc.

198. ———. Some techniques and principles used in selecting and teaching a unit of work. Teachers college record, 31. 143-60. November 1929.

199. Burns, Zed Houston. A consideration of Herbart's philosophy with some of its influence upon modern educational thought. Master's thesis, 1929. Alabama polytechnic institute, Auburn.

200 Cam, F C The organization and administration of a program of study for the improvement of instruction Master's thesis 1929 University of Minnesota, Minneapolis

201 Carpenter, W W and Fort, Marion K What effect do visitors have upon the recitation Journal of educational research 22 50-53, June 1930 (Based upon a master's thesis at George Peabody college for teachers, Nashville Tenn)

This study seems to indicate that children actually recite better in the presence of visitors

202 Cole, Thomas R Where teachers and pupils progress together Nations schools, 5 25-32, June 1930

The Summit demonstration school at Seattle shows teachers what the administration expects them to do and interprets to the superintendent a staff the difficulties successes and needs of the 80 other elementary schools of the city The school has confined its activities to an interpretation of courses of study in terms of classroom procedure

203 Coleman, Beulah The educational ideas of Louisa May Alcott Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 59 p ms

A study of all books by Louisa May Alcott biographical writings and educational books of Miss Alcott's day Findings Louisa May Alcott's ideas of education were modern in theory and practice

204 Courtis, E. A Significant criteria for the appraisal of contemporary educational philosophy Educational method 9 66-72, November 1929

205 Craig, George W My own philosophy of education. Master's thesis, 1930 Teachers college Columbia university New York N Y 23 p ms

A study of the works of Dewey Briggs Kilpatrick, and other distinguished writers on the philosophy of education Findings Too many pupils fail and leave school The writer's philosophy of education provides for the education of all so far as their capacity will permit It is a remedy for the failure of all normal pupils Under it no failures result

206 Curry Nellie M The educational philosophy of Benjamin Franklin. Master's thesis, 1930 New York university New York N Y

207 De Vineau, Rev Charles E Bishop Dupanloup's philosophy of education Master's thesis, 1930 Catholic university of America, Washington, D C 35 p (Catholic university of America Educational research bulletin vol 4 no 10 December 1929)

208 Gatto, Frank M Pupils questions their nature and their relationship to the study process Doctor's thesis 1929 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin, 26 65-71, October 15, 1929 (Abstract)

An analysis of pupils questions was made for the purpose of discovering their nature and classifying them according to study activities suggested by them An attempt was made also to discover the influence upon the question of grade subject sex age and intelligence

209 ——— A résumé of certain studies on massed versus distributed learning and the whole versus the part method with an experimental study on the reading of history, dealing particularly with the latter issue Curriculum study and educational research bulletin (Pittsburgh, Pa), 4 183-92, March April 1930

210 Good, Carter V An analysis of studies in educational theory Educational administration and supervision, 15 519-48 October 1929

The author says that in spite of the conflicting views now current with regard to the place of philosophical methods in the solution of educational problems important contributions to educational literature have been made by the use of procedures which are primarily of a subjective nature He includes in the article a selected bibliography of 417 items on educational theory, with a topical index to same

211. Gould Sister Mary Francine A comparison and evaluation of the educational treatises of Vergerio and Sadoletto Masters thesis 1930 St Louis university St Louis Mo

212 Green Alice Evangeline The educational theories of Matthew Arnold. Masters thesis 1930 University of Southern California Los Angeles ms.

213 Gunnoe Otway M Check list for comparing theory and practice in high school teaching Master's thesis 1930 George Peabody college for teachers Nashville Tenn. 93 p ms.

Ten textbooks on principles and methods of teaching in the high school were analyzed to obtain a set of principles which would represent the basis of theory A check list was constructed that provides for scoring each of the items or principles representing the theory of teaching by classroom observations.

214 Handloser Emma. Educational theories in English prose of the seventeenth century Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 280-81 November 1930 (Abstract.)

215 Herriford Margie The laboratory method of recitation. Masters thesis 1930 University of Wichita Wichita Kans 97 p ms

216 Herriott M E. One measure of outcomes of instruction in the technique of teaching Educational administration and supervision 15 514-18 October 1929

A list of 30 observable characteristics of teaching was prepared and given to students in 10 sections under five instructors in the technique of teaching to see if a course in the technique of teaching would bring inexperienced undergraduate students into agreement with experienced graduate students in their judgment as to the significance of characteristics of teaching Data indicate that an elementary course in the technique of teaching renders the judgments of undergraduate students more in agreement with those of graduate students having teaching experience changes produced in the students vary with instructors the students judgments appear to be more stable after taking the course than before

217 Huebsch Arthur Jean Jacques Rousseau and John Dewey a comparative study and a critical estimate of their philosophies and their educational and related theories and practices Doctor's thesis 1930 New York university New York, N Y

218 Jones Lonzo In administrative technique for the facilitation of students achievement at the level of their ability Doctor's thesis 1929 University of Iowa Iowa City 110 p ms

219 Knight Edgar W An acre in Mid-Hesex Journal of adult education 2 161-67 April 1930

A defence of the democratic theory of education

220 Ladenburg Amanda The study of the reliability of the Morrison attention checking technique Master's thesis, 1929 University of Minnesota Minneapolis

221 Lancelot W H Handbook of teaching skills New York John Wiley and sons 1929 198 p

222 Leary Daniel B Living and learning a philosophy of education New York Knopf and company 1930 450 p

The whole field of philosophy of education is covered

223 Lepley Ray Dependability in philosophy of education its meaning and improvement Doctor's thesis 1930 Teachers college Columbia university New York, N Y

The subject is discussed under the following headings place of philosophy in the study and conduct of education deliberation and the problem of dependability philosophy and educational conceptions philosophy and educational sensitivities philosophy and method in the study and conduct of education dependability of philosophy of education

234 McKoy, Charles E., The art of Jesus as a teacher Doctor's thesis, 1929 New York university, New York, N Y

225 Meyer, George Problems concerning children as reported by teachers California quarterly of secondary education 5 165-70, January 1930

Three hundred and eighteen problems concerning children taught during the previous year were handed in by 169 teachers during a summer session at the University of California The problems fall roughly into 10 classes

226 Morgan, Barton and Starrak, J A The nature and purpose of education. Ames, Iowa Collegiate press, 1929 324 p

227 Morgan, L D How effective is specific training in preventing loss due to the summer vacation? Journal of educational research, 20 388-402, December 1929

Gives the results of a study carried on in two sixth grade classes in Kansas

228 Nash, Leonard V The question as a means of education Master's thesis, 1930 New York university New York, N Y 66 p ms

Findings Varied degree of agreement among 25 authors concerning essentials functions and technique of questioning

229 Nickles, Florence A comparison of the main educational views of Ross I Finney and David S Snedden 1930 New York university, New York, N Y 67 p ms

This study reviews the educational works of Ross I Finney and David S Snedden Findings Both Finney and Snedden emphasize needed changes in the curriculum the elimination of worthless material and the use of material that is socially worth while Both emphasize the importance of the social sciences Both believe there should be a greater emphasis placed upon vocational courses Snedden advocates a strict separation of cultural and vocational courses Finney advocates universal vocational training and universal cultural courses In administrative policies Finney leans strongly toward centralization of authority, and advocates federal taxation Snedden points out the danger of centralization of authority

230 Peterson, Harry Nathaniel The administration of a program of remedial teaching Master's thesis, 1929 University of Minnesota, Minneapolis

231 Reeves, Orion H. Lesson planning as an aid in learning to teach Master's thesis, 1930 Lafayette college, Easton, Pa 102 p ms

232 Regis, Sister Mary Francis The educational ideals of the Rt Rev John England Master's thesis, 1929 University of Notre Dame, Notre Dame Ind

233 Rogers, Fred S A study of pupil participation in assignment 1930 West Virginia university, Morgantown

234 Rosa, Nannie F Quintilian's principles and practices of education compared with modern views Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 88 p ms

The purpose of this study was to find how similar the modern views of education are to the views of the Roman schoolmaster Findings Quintilian and modern educators are in thorough agreement as to the general principles of education

235 Rugg, Earle U Educational concepts found in educational literature 1930 Colorado state teachers college, Greeley. 5 p

A frequency analysis of educational concepts found in 15 educational magazines and in 6 systematic educational books for beginners

236 Rutledge, R. E., Lindquist, R. D., and others Program of work for the improvement of instruction December 1929 Public schools, Oakland Calif 27 p ms



237 Salzman, Samuel A comparison of the educational theories of John Dewey and Bertrand Russell Master's thesis, 1930 New York university, New York, N Y 100 p ms

The study contains a brief outline of the two theories and a comparison This includes psychological approach, educational methods, aims moral training and sex, interpretation of culture and the influence of their individual philosophies.

238 Scales, William Grant Improvement of instruction through diagnostic teaching Master's thesis, 1930 Indiana university, Bloomington 156 p ms

239 Scallisi, Victor F Tolstoy's philosophical and educational views Master's thesis, 1929 New York university, New York, N Y 94 p ms

240 Smith, Heth G A comparative analysis of pupil activities under various conditions of instruction Master's thesis, 1930 University of Chicago, Chicago, Ill 99 p ms

A study of pupils' activities with good, average and poor teachers, with special emphasis on class group attention It was found that pupils are more attentive in the classes of good teachers than in the classes of poor teachers

241 Snyder, Martha D Procedures employed by teachers in teaching development rooms in Los Angeles elementary schools Master's thesis, 1930 University of Southern California, Los Angeles ms

242 Speicher, Rev Normand Sadoletto on the education of boys Master's thesis, 1930 Catholic university of America, Washington, D C 48 p ms

243 Spoerl, Elmo E An experimental study relative to a change in method for the improvement of instruction in Metuchen high school Master's thesis, 1930 New York university, New York, N Y 43 p ms

A study was made in various high school classes grades 9 to 12 employing different teachers to ascertain if the contract method is more efficient than the daily recitation method Findings were in favor of the contract method

244 Stegmeir, Clarence Conrad An experimental study of the daily recitation and the mastery technique methods of teaching Master's thesis 1930 University of Chicago, Chicago Ill

This study tends to show superior results for the mastery technique method in classes in European history

245 Strongman, Henry Russell The group study plan versus mass teaching considered from the point of view of results obtained in content knowledge Master's thesis, 1930 College of the City of New York, New York, N Y 38 p ms

Tests related to spelling and English literature given to junior high school pupils showed that the group method was superior with most pupils and that the superiority of the group method was greater with the higher IQs

246 Taba, Hilda Dynamic thought and education Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y

In the present study an attempt is made to look into some ways of thinking and into some concepts which may be useful for a dynamic philosophy of education and to follow the implications of such basic conceptions into some phases of educational theory, namely into the conceptions of purposive behavior learning aims and the curriculum

247 Thompson, Frances Mae A study of teaching procedure Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 112 p ms

248 Thompson, Merritt Moore The educational philosophy of Giovanni Gentile Doctor's thesis, 1930 University of Southern California, Los Angeles

249 Warner, Bertha E Educational philosophy as shown in school buildings, school management, school supervision and school theories and practices Master's thesis, 1930 New York university, New York, N Y 52 p ms

Findings Modern educational theories and practices show that the philosopher, the psychologist, the teacher, the sociologist, the physician and the psychiatrist all unite in

their attempt to fulfill the modern aim of education which is the harmonious development of the personality of the individual through the interweaving of the physical intellectual social moral spiritual and religious phases of life

250. Whatley, Allan *An investigation into the teaching methods of Jesus*  
Master's thesis 1929 New York university New York N Y 55 p ms  
*See also* 12 43-44 190

## SPECIAL METHODS OF INSTRUCTION AND ORGANIZATION

### ACTIVITY PROGRAMS

251 Bell Lula McLin *An activity curriculum at work. The experience of a first grade teacher* Master's thesis 1930 Duke university Durham N C 92 p ms

A presentation of a series of activity units with an attempt to evaluate them. An effort is made to clarify some definitions of outcomes in order to guide and direct more effectively the learning of children

252 Brown Mary *Some results of activity periods in the classroom*  
1930 Wilson teachers college Washington D C

This study covers classroom projects carried out by first grade children

253 Bruin M R, jr *The activities period in the high school program*  
Master's thesis 1929 University of Virginia University

Covers the activities period in representative high schools throughout the United States. Findings: The daily school schedule should provide a period of from 30 to 60 minutes in length extending horizontally through the program to be known as the activities period and to be devoted to the activities of the school. It is recommended that this period appear either about mid morning or mid afternoon

254 Dickson Julia E and McLean Mary E *An integrated activity program tryout in a first grade of the public schools* Educational method 9 31-42 October 1929

Deals with 31 unselected little children their nature and needs their worthwhile activities and their accomplishments through their activities. The desire to preserve to the end to assume responsibility to enjoy the achievement of others were some of the larger learning outcomes that justified the year's work. The integrated activity program furnishes a rich background of experiences out of which an unusually large speaking vocabulary is built sets up a strong motive for expressing familiar ideas and initiates a love for reading

255 Elizabeth City normal school Elizabeth City, N C *An activity program attempted on a limited scale* 1930

256 Grinnell Grace B *Activity as a theory of education* Master's thesis 1930 University of Southern California Los Angeles ms

257 Hawaii (Territory) Department of public instruction *Activity program for the primary grades* Honolulu Hawaii Department of public instruction 1930 278 p (Elementary curriculum series)

This bulletin is divided into three sections (1) Suggested ways of approach into an activity program organization and planning suggestions for gaining a better understanding of children (2) suggested activities for first second and third years (3) bibliography and reference

258 ———— *Some descriptions of progressive education in the public schools of Hawaii* Honolulu Hawaii Kawanakoa experimental school 1929 287 p

Part 1 describes the work of the Kawanakoa experimental school and Part 2 describes the activity work in other schools in Hawaii

259 Lewerenz A. S *An activity program readiness test for primary pupils* 1930 Public schools, Los Angeles Calif.

A test is devised for initiative and self-directing ability of young children

260 McLendon, Lucile A farm project as a part of an activity program  
1930 Elizabeth City normal school, Elizabeth City, N C.

This study seeks to teach principles of community life through a worth while activity  
The children made a model farm, wrote stories, read stories, and learned how to do many things done on the farm

261 Peeler, Annie Laurie Smith. The stenographic report of a classroom activity in improving instruction Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 49 p ms

An experimental study made with 10 teachers of the sixth grade Stenographic reports were taken of their activities in geography, copies were returned to teachers of the experimental group The results indicated that an accurate stenographic report of a class activity placed in the hands of teachers tends to improve instruction

262 Pratt, Helen G, Dunlap, Jack W. and Cureton, Edward E. The subject matter progress of three activity schools in Hawaii, with a note on statistical technique. Journal of educational psychology, 20: 494-500, October 1929

Three activity schools in Hawaii were studied in 1927-1928 to show whether subject-matter achievement as measured by the Stanford achievement test tends to improve, remain constant or decrease under such a program as compared to the traditional program of studies The three schools maintained about the same rate of subject matter progress under the new program as under the old.

263 Wannamaker, Elizabeth. An activity curriculum in the third grade. Master's thesis, 1930 Duke university, Durham, N C

See also 327, 1524, 1866

#### CONTRACT PLAN

264 Blaine, William D. The present status and future possibilities of the project method in public school teaching Educational method, 9, 94-104, November; 160-76, December 1929

The purpose of this study was to determine to what extent the project method is being used by public school teachers the attitude of the teachers and supervisors using the method toward continuing and extending its use the subjects of the elementary school most often taught by the method, difficulties and advantages in its use, and future possibilities of the project method in public school teaching A total of 121 satisfactory questionnaires were received on which to base conclusions

265 Central City, Nebr. Public schools Using the contract plan in junior and senior high schools 1930 16 p ms (Teachers' bulletin, no 30-2)

266 Shepard, E L Contract vs traditional method in teaching sixth grade history. University of Pittsburgh school of education journal, 5: 47-51, December 1929

The purpose of this investigation was to make a comparative study of the effects of the traditional oral, assignment recitation method and of the written "contract" method in sixth grade history in a school system where departmental teaching is not possible. Comparison was limited to a study of average gain in historical knowledge, and average retention of information gained Conclusion The results achieved in history by sixth grade pupils of a nondepartmentalized school appear to be equally as good under the traditional plan of daily oral assignment and recitation of lessons as under the contract plan with its written assignment and directions for study

267 Thompson, Donald Hammond The contract plan of lesson assignments in the Longview, Wash, high school Master's thesis, 1930 Stanford university, Stanford University, Calif

268 Virginia committee for research in secondary education The unit method of teaching University, University of Virginia, 1930 127 p (University of Virginia record extension series, vol 14, no 9, March 1930 Secondary education in Virginia, no 9)

The unit method of teaching set forth in this issue is based upon the experience of the staff in secondary education in charge of practice teaching at the University of Virginia and is presented with the hope that it may be of assistance to high school teachers and principals who are desirous of recognizing individual differences in classroom instruction and in directing the learning activities of high school pupils

See also 243, 1644

## METHODS OF STUDY

260 Althaus Carl B and Gilliland James F The value of instruction in how to study University of Kansas Bulletin of education 2 3-4 October 1929

Review of a masters thesis entitled An experiment to determine the efficiency of instruction in how to study by James F Gilliland, University of Kansas 1928 The conclusion reached in the study was that instruction in how to study as given in this experiment did not function in producing better school work

270 Crawford C. C The how-to-study course in the high school School review 38 16-27 January 1930

The writer suggests a definite course in how to study resembling the ordinary courses in English or science so far as credits hours teachers textbooks and assignments are concerned The specific aim of the course is to teach boys and girls how to study and to develop actual habits of practicing the best study procedure The article presents the major considerations which seem to favor such a course and the major obstacles objections or difficulties which would be encountered in connection with it While the plan is comparatively new it is not an untried experiment

271 ——— and Hamren Lloyd Herbert An experiment with the use of printed study guides Educational method 9 541-44 June 1930

Reports an investigation involving the use of printed or mimeographed study guides consisting of questions, problems, tests or exercises in which the students are expected to hunt up the necessary information fill in the blanks or solve the problems and by doing so acquire the necessary information or skill which the course is intended to develop Two classes of twelfth grade pupils in the high school at Huntington Beach Calif were used in the study one class used the study guides while the other class used customary methods After five weeks the classes exchanged methods The authors are undecided as to the true value and merit of this plan of teaching especially as regards its services in improving study habits

272 Flemming Cecile White The improvement of instruction on direction of study in the high school, a series of studies prepared in connection with graduate course in education College of William and Mary Summer 1929 1929 Teachers college Columbia university New York N Y 150 p ms

This series of studies emphasizes the improvement of instruction and the more effective direction of learning in the high school with emphasis both upon the diagnosis of pupil needs development and application of remedial instruction and the improvement of the assignment with special interest in the development of the so-called unit or contract type of assignment The report is enriched by varied and adequate illustrative materials worked out by classroom teachers in the fields of reading and English history mathematics and chemistry and includes selected bibliographies

273 ——— and Woodring, M N Directing study of high school pupils New York City Teachers college Columbia university 1929 133 p

A monograph prepared to aid high school teachers toward a more economical and effective use of the class hour and an improved direction of learning for high school pupils The monograph includes consideration of the problems in directing study a survey of previous investigations a development of diagnostic techniques as a basis for the direction of study and a presentation of materials and methods for training high school pupils in specific study procedures with emphasis on reading An annotated bibliography on study is included

274 Fowlkes John Guy Shall supervised study follow or precede the recitation Nations schools 6 82 84 86 July 1930

In an attempt to discover whether supervised study should follow or precede the recitation a study was made in the James Whitcomb Riley junior high school South Bend Ind for the school year 1928-1929 The study involved sending a questionnaire to the 52 teachers in the school as to 1 to 78 pupils in the 7B history classes having the highest IQs and a controlled experiment based on 27 matched pairs of pupils The study indicates that the study recitation sequence is superior to the recitation study sequence in United States history in the junior high school

275 Hartill Rufus M An experimental investigation to determine the worthwhileness of a given technique in studying Masters thesis 1930 New York university, New York N Y 54 p ms

Equivalent group method was used with about 100 sixth grade children for about one month No significant gain in ability to study was shown by the experimental group

276 Logan Leslie Emory. An experiment in teaching normal school students how to study. Master's thesis, 1930. Duke university, Durham N. C.

277 Mathews C. O. A diagnostic blank for study habits. 1930. Ohio Wesleyan university, Delaware.

This includes a description of a blank useful in advising students in regard to study habits.

278. Meek Edward Colton. The effectiveness of study habits in a city high school. Master's thesis [1930]. University of Oregon Eugene. 74 p. ms.

Six tests were given the second and sixth tests were subjective the others were objective the subject matter in the tests was selected from books not used in high school course of study. It was given to four groups (representing the four years in high school) of a large Portland high school. Findings: Most difficulty was found in the use of association in the process of memorization and in ability to select and organize material.

279 Miles, W. R. and Bell H. M. Eye movement records in the investigation of study habits. Journal of experimental psychology 12. 450-58. October 1929.

This article describes a study made of the eye-movements of 10 advanced students at Stanford university.

280 Minning George Alvin. A summary of the literature of supervised study. Master's thesis 1930. Cornell university, Ithaca N. Y. 96 p. ms.

Magazine articles and books were abstracted to determine the meaning plans or techniques of supervised study. Summary of investigations and the merits claimed for supervised study. Two hundred and fifty seven books and magazine articles were selected out of more than 500 examined as relevant to the problem. Sixteen definitions were found for study. There were 38 definitions of supervised study. The 21 techniques of supervised study described indicate that it is in the experimental stage. A sufficient amount of evidence warrant the conclusion that supervised study is superior to the recitation assignment method.

281 Quatz, Edith W. Survey of How to study courses for college freshmen. Master's thesis 1930. Cornell university Ithaca N. Y. 96 p. ms.

This is a survey of courses in "How to study" in American colleges based on catalogue investigation and personal letter to college executive. Data were collected from 22 colleges and universities. Findings: Courses in methods of study are necessary for college freshmen.

282 Roy Ralph. Supervised study as applied to the tenth, eleventh and twelfth grades. Master's thesis 1930. University of North Dakota University.

283 Sheldon Vera Genevieve. The value of training in specific habits of study. Master's thesis 1930. University of Chicago Chicago Ill.

284 Throckmorton Adel Foster. A comparison of two types of supervised study recitation. Master's thesis 1929. University of Kansas Lawrence.

285 Tounton Frank C. and Kleinsmid R. B. von. Effective study procedures. 1929. University of Southern California Los Angeles.

286 Wright Louise B. The value of a motivated assignment: an experiment in directed study. University of Pittsburgh school of education journal 5. 64-67. December 1929.

The problem described was to determine the value of a motivated assignment in factual material in the elementary school. United States history was the subject selected for the study. Pupils were selected from three rooms in a city school. Data indicate that there was an increased gain in knowledge through motivation of the study period.

See also 1994, 2092, 3004

## PLATOON SCHOOL

287 Hays, Oren W. A study of a comparison of the quality of the work done in three types of school organization. Masters thesis 1930. University of Oregon Eugene. 50 p. ms.

A comparison of small traditional large traditional and platoon type of schools in Portland, Ore. It was found that the large traditional school and the platoon organization of large schools were better than the small traditional school.

288. Lewis, Charles E. A traditional room in a platoon school. In Portland elementary principals association. First yearbook 1930. p. 74-78.

Traditional rooms were opened in the Alameda school in the fall term of 1929 in the first three grades. Achievement of pupils in the two groups, traditional and platoon, were studied in grade 1A in reading. There was no measurable difference in achievement in reading. The two systems have no effect on school attendance. The presence of the two systems introduces administrative problems which decrease the efficiency of the school for the rest of the pupils.

289 McMaster, James Floyd. The organization of auditorium work in the platoon school. Masters thesis 1930. University of Southern California, Los Angeles. ms.

290 Masters, Harry Gail. The present status of the platoon school. Masters thesis, 1930. University of Pittsburgh. Pittsburgh. In University of Pittsburgh bulletin 27. 329. November 1930. (Abstract)

291 Pittsburgh, Pa. Public schools. Department of curriculum study and research. Subject time distribution for platoon schools, grades 1 to 6. 1930. (Printed)

292 Shrader, John Calvin. A survey of the community activity work in the platoon schools of Pittsburgh, Pa. Masters thesis 1930. University of Pittsburgh. Pittsburgh, Pa. University of Pittsburgh bulletin 27. 379-80. November 1930. (Abstract)

293 Tracy, Bettie M. Ritchie platoon school. 1930. Public schools, Wheeling, W. Va. 4 p. ms.

A comparison of achievement of pupils in 84 platoon school with those of similar IQ in non platoon school. Findings: There was a slight gain in platoon school.

See also 1003

## RADIO IN EDUCATION

294 Chapman, H. B. and Denues, John. Radio in education. In 100th annual report of the Baltimore board of school commissioners 1928-1929. Baltimore, Md. Department of education 1929. p. 43-44 and 78.

An investigation of the status of the schools with respect to radio receiving sets and more especially with regard to the reception of the concerts in music appreciation under the direction of Walter Damrosch.

295 Jones, R. G. The radio as a medium of practical instruction in the schools. Nations schools 5. 53-57. January 1930.

Six classes of third grade arithmetic were taught by radio in the public schools of Cleveland, Ohio during the school year 1929-1930. The lessons were scientifically graded in difficulty. Data indicate that the radio classes made more improvements than did classes of the same grade in the same district of the city and in the city generally which had not had radio instruction.

296 Perry, Armstrong. Radio in education. The Ohio school of the air and other experiments. New York. The Payne fund [1929]. 130 p. 2d ed. October 1929. 106 p.

The data on which this report is based were obtained in several national investigations conducted by representatives of the Payne fund and others.

297 Reese, L. W. The radio takes on education. American school board journal 80. 39-41. 134. April 1930.

The growth in the educational use of the radio is described.

208. Sells Alice P Education by radio (twelve dramalogs) Master's thesis 1930 Ohio state university Columbus

Parental education in dramalog form via radio was the subject of this study Gives number and type of responses and method of broadcasting

209 Tyson Levering Education tunes in A study of radio broadcasting in adult education New York American association for adult education 1930 110 p

A study of (1) Government control of broadcasting (2) educators and broadcasters—a study of attitudes (3) present educational broadcasts (4) a suggested remedy for the present chaos in educational broadcasting (5) educational broadcasting in Europe (6) financing educational broadcasting in America (7) problems for research and experimentation (8) the Willbur committee and its work and (9) a digest of successful educational broadcasts

300 United States Department of the Interior Advisory committee on education by radio Report of the Advisory committee on education by radio Columbus Ohio The F J Heer printing co 1930 246 p

A survey of present conditions regarding radio education with suggestions as to future action

301 Wisconsin University Radio research committee The Wisconsin experiment in radio education 1930 University of Wisconsin Madison

The radio research committee of the University of Wisconsin conducted an experiment to measure the effectiveness of the radio in teaching current events and music to students in the sixth seventh and eighth grades in 25 schools in Dane county Wis Twenty five control schools as nearly like the 25 experimental schools were also chosen Data indicate that the broadcasts were successful in arousing the students interest and in teaching the subject matter of the courses

## VISUAL INSTRUCTION

302 Amacker James Cleveland The comparative influence of motion pictures in teaching American history Master's thesis 1930 George Peabody college for teachers Nashville Tenn 50 p ms

An experimental study to determine whether or not motion pictures increase achievement Findings Motion pictures when used in connection with regular instruction increase achievement

303. Anderson Winston S The use of movies in the teaching of chemistry 1929 Rollins college Winter Park Fla

304. Bliss Walton B Determination of principles and effective procedures in the use of visual aids in secondary education Master's thesis 1929 Ohio state university Columbus 129 p. ms

Survey of practices and derivation of criteria in terms of educational principles Findings Visual aid is effective and educationally desirable only when provision is made for pupil activity It is effective only when it is a natural outgrowth of the pupil's needs for concrete experiences in the furtherance of some interest which he holds It is educationally desirable in a drill lesson only when it sets a model better than the teacher or fixes associations with less effort than other methods It is useful for intellectual purposes only when it can be presented in such a way as to arouse a problem It is peculiarly serviceable for appreciation lessons only in its own field of visual impression as in art It fosters incidental or direct cultivation of attitudes in general only when its realism is pertinent

305 Brown Emmett H Motion pictures and lantern slides for elementary visual education 1930 Teachers college Columbia university New York N Y 110 p ms

Consists of 90 pages of discussion on the uses of motion pictures and other visual aids in the elementary field indicating methods for using them and results to be expected, and about 90 pages of annotated classified titles of visual material

306 Conrad Herbert S and Jones Harold Ellis Psychological studies of motion pictures. Berkeley University of California press 1929 p 245-84 (University of California publications in psychology vol 3 nos 7-8 November 22 1929)

The first study is entitled Fidelity of report as a measure of adult intelligence the second "The technique of mental test surveys among adults" The first article gives the specific results of a survey which employed in a tentative and experimental form a battery of tests based upon motion pictures the second attempts to summarize certain general suggestions pertinent to further work in this field

307 Deen Daisy Pearl Effectiveness of pictures in teaching American history to eleventh grade pupils Master's thesis 1929 George Peabody college for teachers Nashville Tenn. 74 p ms

308 Gray Marguerite E Hornbeck. An experiment in the use of visual aids in general science teaching Master's thesis 1930 University of California Berkeley 40 p ms

The purpose of this study was to determine the relative efficiency and economy of teaching general science to a group of boys and girls in high seventh grade by means of visual aids Findings Visual aids are of distinct benefit to pupils of average and less than average ability in learning general science to pupils of more than average ability there is little indication that visual aids are of particular benefit. Tendency of visual aids to lessen range of variability seems to indicate that visual aids are effective substitute for drill work conducted by the teacher and tend to economize both learning time of pupils and teaching time of the instructor

309 Holaday Perry Ward The effect of motion pictures on the intellectual content of children Doctor's thesis 1930 University of Iowa Iowa City 316 p ms

310 Kitson Harry D Teaching by talkies Nation's schools 4 45-48 October 1929

An experiment was carried on with talking pictures at Teachers college Columbia university and later at a number of the leading summer schools throughout the country Data indicate that talking pictures will be of great service to educators

311 Kooser V L Present trends in the use of visual instruction aids American school board journal 80 56 144 February 1930

A study was made of several different types of visual instruction institutions that may be considered as service organizations in the visual field.

312 Lawson Oliver Crook An experimental study of visual methods in the teaching of eighth grade history Master's thesis 1930 Stanford university Stanford University Calif

313. Lewerenz A S Academic achievement in relation to movie attendance American school board journal 81 78 80 August 1930

The purpose of the study was to gather educational and social data that would throw some light on the value of the motion picture film as an aid to education It involved a study of 1372 Chicago and 81 Los Angeles elementary school pupils It is noted that the old dull pupils go to the movies most frequently and that the young bright pupils go least frequently

314 ——— Some results of a visual education lesson in junior high school social studies taught with the aid of flat pictures Los Angeles educational research bulletin 0 4-16 November 1929

The type known as photographic still was studied to ascertain the amount of information gained from the set of pictures studied as to sex mental level chronological age and with respect to style of finish True-false tests were prepared and used with 500 pupils Data indicate that boys observe better than girls and that mental level has a distinct influence on answers to test that children with a relatively low IQ made the greater gain from study of pictures finish had very little effect the story element is of great value in educational pictures a favorite picture receives its support in general from those with average or less mental ability visual education is a more effective tool for those of less than average intelligence girls are more unanimous in their choice than boys boys seem to enjoy a variety of pictures pictures selected for boys and girls should be selected with reference to inherent interests of each sex pictures for children of superior mentality should require serious thinking on the order of unsolved problems



315. Lower, George G Visual education as applied to geography Upper Darby high school Upper Darby, Pa 30 p ms

316 MacLean, W P A comparison of the effectiveness of colored and uncolored pictures Masters thesis 1930 University of Chicago Chicago, Ill

A controlled experiment using 76 high school boys in the control and experimental groups respectively, to secure data on variation in range and accuracy of report in visual education due to color Slides flat pictures and stereographs were used in history, geography biography and art studies

317 Massachusetts Department of education Motion pictures and stereopticon slide service Boston, Department of education, Division of university extension 1929 20 p (Bulletin vol XIV, no 6A, November 1929)

318 Mehnert, Martha C The value of still pictures in the teaching of fourth grade history Masters thesis 1930 University of Chicago, Chicago Ill

319 Praxl, Hannah Emma Educational value of visual instruction in therapeutic gymnastics Masters thesis, 1930 University of Wisconsin, Madison

320 Reller, Louis Smith A salesmanship stillfilm Master's thesis, 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin, 27 301-62, November 1930 (Abstract)

321 Snyder, Harry Anderson. Historical motion pictures in the junior high school Master's thesis, 1930 University of Pittsburgh, Pittsburgh Pa University of Pittsburgh bulletin, 27 383-86 November 1930 (Abstract)

322. Tilton, J W and Knowlton, Daniel C The contribution of ten chronicles of America photoplays to seventh grade history teaching Journal of social psychology, 1 78-96 February 1930

A full report of this study including detailed descriptions tables tests and supplementary materials will be published by the Yale University Press

The purpose of the experiment was to measure the contribution of the photoplays to enrichment, retention and the creation of interest The results show that the photoplays contributed materially to the gaining and retention of worthwhile knowledge particularly of knowledge of interrelationships other than time they produced more pupil participation in classroom discussion, and they caused the pupils who saw them to read voluntarily more supplementary history reading material under controlled classroom conditions

323 Weher, Joseph J Visual aids in education 1930 Valparaiso university, Valparaiso Ind 220 p ms

The study aims to compile for the progressive educator a balanced summary of the available scientific evidence on the values and limitations of visual aids in education and to inspire the educator to make a common sense adaptation of visual materials and methods to the purposes of the school Visual aids were taken up to show (1) values and limitations and methods in the work of the school (2) experimental uses in various school subjects and (3) needed research in the visual aids movement

324 Wolfe, Harold G The motion picture as an aid in classroom teaching. Master's thesis, 193 University of Rochester Rochester N Y 140 p ms

Summarizes all experimental studies to January 1930 and includes a personal study of junior high school children in social studies classes Findings Motion picture increases the effectiveness of teaching but effects permanent retention to a less degree than immediate recollection Superior children profit less from the motion picture than average or inferior children

See also 1571 2081

## INDIVIDUAL DIFFERENCES

325 Bailey, Hilda M Reorganization of the school system in accordance with individual and social principles Masters thesis 1930 University of California, Berkeley 76 p ms

A study of (1) status of the present class system (2) individual differences among pupils, (3) relation between individual and social principles, (4) application of these to

an individual system, and (5) evaluation of the system. Findings: There is dissatisfaction in schools today on part of pupils, teachers, administrators and business men employing products of schools. Main cause is the class system (mass instruction, group promotion, learning at uniform pace). Pupils differ widely and development of the individual means a better developed social organization. The individual system is proposed as a remedy for these conditions. It is the type of educational system that uses individual subject promotions instead of class promotions and allows each individual child to move forward at his own rate in the mastery of each subject.

326 Billett, R. O. Administration of homogeneous grouping. Doctor's thesis 1909. Ohio state university, Columbus. 500 p. ms.

Controlled experiment dealing with approximately 1000 pupils in ninth grade English. Findings: In general homogeneous grouping of pupils in ninth grade English on the basis of the higher of two intelligence quotients derived from two forms of Terman group test of mental ability provides an educative situation more favorable for learning what ever can be measured by standardized and informal objective tests so far as slow students (whose IQs range from approximately 70-95) are concerned. Average and bright students (IQ 95-140 approximately) are in general not benefited by homogeneous grouping as defined in this study.

327 Bird, Grace E. Successful experiment in child education. Elementary school journal 30 539-46 March 1930.

The Henry Barnard school, the laboratory and demonstration department of the Rhode Island college of education strives for the development of the whole individual beginning as early as possible. The essence of method employed is free activity involving liberty without license, an opportunity for individual initiative and self criticism and the formation of serviceable general habits of work and of social adjustment that will fit the child to contribute his best to the group. The achievement of the children in this school has been investigated. With one exception (dictation—spelling—in one grade) the median attained in every grade in every subject of the test was well above the standard.

328. Bobb, Arthur Earle. A study of individual differences in a small high school. Master's thesis 1930. Stanford university. Stanford University, Calif.

329 Bolenbaugh, Lawrence. Failures and college recommendations as affected by a modified ability grouping. California quarterly of secondary education 6 102-108 1930.

Findings: Correlation between teachers' marks and intelligence of pupils is steadily increasing. Last semester it was .557. More students are being sent to the university with an ever increasing number of freshmen ranking above the lower one third at the university. Last semester 85 per cent ranked above the lower third.

330. Bowen, Mrs. Alice Day and Latshaw, Harry F. Experiment in ability grouping. National education association. Department of elementary school principals bulletin 9 312-18 April 1930.

A basis for ability grouping of children in an elementary school containing many grades of the same year.

331 Brown, Emerson Lee. An investigation of individual differences in vocabulary ability of high school children. Master's thesis 1929. University of Kansas, Lawrence.

332. Burr, Marvin Y. A study of homogeneous grouping in terms of individual variations and the teaching problem. Doctor's thesis 1930. Teachers college, Columbia university, New York, N. Y.

Standard test scores were secured from six cities for about 3400 pupils in grades 4, 5 and 6. Overlapping in grades, overlapping in subject and variations in achievement of individual pupils were studied. It was found that the problem of meeting individual needs of children is only slightly reduced by practice of homogeneous grouping. Suggested alternatives to homogeneous grouping are: grouping according to achievement in various subjects, sectioning pupils at random but according to achievement in various subjects, sectioning pupils at random and employing an individual contract method, and sectioning pupils at random and teaching through group activities in which each pupil can contribute according to his talents.

333 Cary, Frances D. A study of a grading system in a high school having homogeneous grouping. Master's thesis 1929. University of Kansas, Lawrence. 99 p. ms.

334 Clem Orrie M and Malloy, Kathie V Some individual differences of pupils in one typical junior high school Educational administration and supervision 16 39-52, January 1930

Seven hundred and seventy six pupils in the Roosevelt junior high school Syracuse N Y were recently examined. Some of the data of the study were secured from school records a large part was obtained from a checking list or questionnaires submitted to the pupils. Data were collected on the health extracurricular activities and outside interests of the pupils and on the health occupations and education of their parents

335 Cornell Ethel L Effect of trait differences upon grouping Albany N Y New York state education department 1930

The purpose of this study was to determine to what extent idiosyncracies in individuals would prevent possibility of forming homogeneous groups The data used are test results from a village in which all children of school age had been given a fairly complete battery of tests Certain published data which were comparable were also used.

336 Cutkosky Oscar F The growth of seventh grade pupils in homogeneous classes as compared with the growth of seventh grade pupils in heterogeneous classes Master's thesis 1929 University of Minnesota Minneapolis

337 Earhart Harry Day Bases for ability grouping in junior high schools and a comparison with the Los Angeles plan Master's thesis, 1930 University of Southern California Los Angeles

338 Harness Frances Individual differences in reading ability in University high school 1930 West Virginia university Morgantown

339 Harvey Oswald Lionel Individual variability with especial reference to individual temporal variability in efficiency Doctor's thesis, 1930 Harvard university Cambridge Mass 96 p ms

One hundred and eleven grade 7 children of mixed sex race and chronological age in four different schools were given a series of ten tests of 25 items each taken from standardized tests of "general intelligence" and arranged irregularly regardless of difficulty Measures of achievement effort and efficiency were found for every child on every test both speeded and unspeeded Findings A measure of individual temporal variability in efficiency has been developed It is largely independent of age intelligence sex and speed Efficiency and individual temporal variability in efficiency are distributed over a given population roughly in the form of curves of a normal distribution Extreme variability is probably an important diagnostic symptom

340 Hellman J D Factors determining achievement and grade location Journal of genetic psychology and Pedagogical seminary 36 435-57 September 1929

A study of individual differences and grade location and the relation of mental age school attendance and socio-economic status thereto

341 Henderson Cora Rebecca Methods of individualizing instruction in a mixed group Master's thesis 1929 University of Southern California Los Angeles 179 p ms National education association Department of secondary school principals bulletin 34 50-52 January 1931 (Abstract)

This study proposed to collect methods and supplementary materials useful in giving individualized instruction to a mixed group The procedure consisted of three steps making of a difficulty analysis finding and recording of methods and writing of the finished results The search for methods consisted in finding solutions to the difficulties through reviewing books periodicals lesson sheets and courses of study and through interviewing 31 classroom teachers in the senior and junior high schools of Southern California

342 Kefauver Grayson N The validity of bases for forming ability groups Teachers college record 31 99-114 November 1929

Contains a report of an investigation made during the school year 1925-1926 for the purpose of determining the bases for distributing pupils to ability groups in the seventh grade of the junior high schools It has been found that the most important single source of information for predicting success in the first year of the junior or four year high school is the judgment of the teachers in the elementary school

\*343 Kellher Alice V A critical study of homogenous grouping in elementary schools Doctor's thesis 1930 Teachers college Columbia university New York N Y

Findings Indications are that effects of homogeneous grouping on society may be harmful through development of harmful attitudes and mental habits. Homogeneous grouping is not desirable in our elementary schools.

344 Lincoln Edward A. and Wadleigh Verna L Teacher opinion on ability grouping Journal of educational research 21 277-82 April 1930 Reprinted

Results of a questionnaire sent to teachers of the junior high school and the intermediate school in Fitchburg Mass. showed that teachers are of the opinion that children actually learn more under the flexing system of ability grouping than they did before it was practiced teachers find it easier to teach homogeneous groups fewer disciplinary problems appeared etc

345 Lohmann Pauline Experiments in meeting individual differences in the senior high school Master's thesis 1930 George Washington university Washington D C 34 p ms

A study of three sections of a ninth grade in the Washington D C schools consisting of 195 pupils Findings Ability grouping is a good administrative aid providing for individual differences when methods curriculum and standards are modified in terms of the abilities of the different groups

346 Mayhew C J Individual case studies and remedial measures with high school students Master's thesis 1930 University of Akron Akron Ohio 40 p ms

A study of 194 cases in Wadsworth high school over a period of two years with special reference to similar work done elsewhere

347 Miller, W S and Otto, Henry J Analysis of experimental studies in homogeneous grouping Journal of educational research 21 95-102, February 1930

A list of 20 experimental studies in homogeneous grouping follows the text of the article A table analyzing studies of homogeneous grouping gives the following information number of pupils basis for grouping methods of evaluation control group and results etc

348 Myers Walter Lewis Remedial teaching and individual differences Master's thesis 1929 Indiana university Bloomington 126 p ms

349 Oregon state teachers association Survey of individual differences, 1929 Portland Oreg 7 p ms

"The committee is unanimous in the opinion that the programs in smaller schools should carry out the long period idea By the use of such a program the work in most of the rural schools can readily be individualized in so far as subject matter lends itself to this plan"

350 Plucinska Sister Mary Dionysia How you can provide individualized instruction in your school Washington D C, National Catholic welfare conference [1929] 4 p

351 Purdon T Luther The value of homogeneous grouping. Baltimore, Warwick and York Pa 1929 19 p

Data are given in this study for 442 pupils from high schools in Michigan in order to determine objectively the value of grouping ninth grade pupils homogeneously in algebra and English The results of the investigation show no significant advantage for group or

352 Seashore Robert Holmes Individual differences in motor skills Journal of general psychology 3 24-46 January 1931

This study reports data on eight representative types of motor performances ranging from gross to fine coordinations. It attempts to evaluate the methods of theoretical and experimental analysis in relation to methods of selecting personnel for motor skills.

353 Young, Leon Corbett Some provisions for individual differences in a junior high school. Master's thesis, 1930 Boston university, Boston Mass  
See also 268, 354, 602, 913, 923, 1196, 1263, 1270 1325, 1483, 1644, 1994, 3174, 4210

## . EDUCATIONAL PSYCHOLOGY

354 Almack, John C Mental efficiency of consulting pairs Los Angeles educational research bulletin 10 2-3, January 1930

A study of the investigations of Dr J F Bursch at Stanford University on individual efficiency versus the efficiency of consulting pairs These investigations show a negative correlation between original individual ability and gain from consultation and a tendency toward higher achievement by pairs in activities involving the higher mental processes

355 Anderson, Osear Daniel An experimental study of observational attitudes Doctor's thesis, 1929 Cornell university, Ithaca, N Y American journal of psychology, 42 345-60 July 1930

356 Ashbaugh, E. J Curiosity School and society, 30 590-93, November 2 1929

357 Berger, Arthur Forgetting in the history and psychology of education Master's thesis, 1930 College of the City of New York, New York N Y 21 p ms

Repeated test scores were compared with original scores college students being employed as subjects The author indicates the amount and type of forgetting and the curricular implications of his findings

358 Berkhof, William An experimental study relative to the part played by trial and error and insight in problem solving Master's thesis 1930 University of Michigan, Ann Arbor 51 p ms

Subjects were confronted with situations in the form of puzzles Three groups of subjects were used 18 junior high school pupils (15 boys and 3 girls), 34 college students (30 women and 4 men), and 10 graduate students (9 men and 1 woman)

359 Bills, Arthur Gilbert and Brown, Clarence The quantitative set. Journal of experimental psychology, 12 301-23, August 1929

A study to determine to what degree a person's efficiency is influenced by the amount of work with which he is faced It is concluded that the greater amount of work, the higher the initial level of efficiency

360 Bresnan, Sister Marianne An investigation of the experimental work on judgment Master's thesis 1930 Catholic university of America, Washington D C 51 p ms

361 Brey, Margaret Mary Romantic theory of imagination Master's thesis, 1930 St. Louis university, St. Louis, Mo 65 p ms

362 Caffrey, James Anthony The nature of creative imagination Master's thesis 1930 Catholic university of America, Washington, D C 38 p ms

363 Carr, Harvey. Teaching and learning Pedagogical seminary and Journal of genetic psychology, 37 189-219, June 1930

The teaching and learning abilities of rats and human beings were studied by the use of various types of mazes. Data indicate that for human beings for all methods the efficacy of the tuition varied with the amount and the stage in the learning process at which it was given. Efficacy of tuition tended to decrease with the amount given and the later stage at which it was given

364 Cheng, N. Y. Retroactive effect and degree of similarity Journal of experimental psychology, 12 441-49, October 1929

The author planned to study the relation of the retroactive effect to the degree of similarity and to discover whether the relation differed for anticipatory recall and relearning For the two experiments performed original and interpolated materials lists of nonsense syllables which exhibited three degrees of similarity with respect to spelling were used. Twenty nine college students were used as subjects All interpolated conditions exerted some degree of retroactive effect The degree of retroactive

365 Cook, Lemuel Thomas Temperament in relation to success in school  
Masters thesis 1930 University of Colorado Boulder University of Colorado studies 18 54 December 1930 (Abstract)

An inquiry into the truth of the doctrine that the most effective school work is that based wholly upon the child's interests that joy and cheerfulness are conducive to the best work Two methods of determining temperament were used Five teachers scored each child These ratings were supplemented by those secured from feeling reactions to the words in two carefully prepared word lists of 60 words each Data indicate that the children who did not like school made approximately as good grades as those who did like school

366 Davis, Frances Coon The relative reliability of words and nonsense syllables as learning material Journal of experimental psychology 13 221-24 June 1930

Six subjects each learned 20 lists of 12 nonsense syllables and 20 lists of 12 monosyllabic words The data indicate that absolute variability from individual to individual is greater for nonsense syllables while the relative variability from individual to individual is greater for words

367 Dietze Alfred Godfrey Factual memory of secondary school pupils for a short article which they read a single time Doctor's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 39-46 November 1930 (Abstract)

368 Dixon Russell A study of social attitudes Masters thesis, 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin, 27 255-56 November 1930 (Abstract)

369 Drury, Marjorie Bullard Can Gestalt theory save instinct? 1930 Cornell university Ithaca N Y

An examination of the Gestalt theory of the functioning of the organism to determine whether it can suggest a theory of instinct which can escape the criticisms that have been applied to other doctrines The doctrine of instinct suggested in the paper seems to meet the objections that have been raised against other doctrines

370 Dudine Charles The educational psychology and the rule of St Benedict Masters thesis 1929 University of Notre Dame Notre Dame Ind

371 Dysinger D W A comparative study of affective responses by means of the impressive and expressive methods Masters thesis 1929 University of Iowa Iowa City 56 p ms

372 Dysinger Wendell S A comparative study of verbal and nonverbal expressions of social attitudes Masters thesis, 1929 University of Iowa Iowa City 74 p ms

373 Eddy, Louise Barbour An analysis of the style of Mrs Virginia Woolf with special emphasis upon her thought patterns Masters thesis 1930 University of Chicago Chicago Ill

374 Epstein Max A comparative study of the intelligence of children of foreign parentage Masters thesis 1930 Teachers college Columbia university New York N Y 71 p ms

375 Fernsberger, Samuel W The use of equality judgments in psychological procedures Psychological review, 37 107-12 March 1930

376 Finckock Jean Paul A study of the relation between mental age and the tendency to collect and hoard Master's thesis 1929 University of Kansas Lawrence

377 Freeman, G L An experimental study of the perception of objects Journal of experimental psychology, 12 341-58 August 1929

In a study of the visual perception of objects inkblots were used as stimulating objects. All experiments of which there were several groups were conducted in a dark room The results of the experiments emphasize the importance of bodily reactions in the determination of the meaning of visual forms

378 Freeman, G L The influence of attitude on learning Journal of general psychology, 3 98-112 January 1930

379 ——— The role of context in associative formation American Journal of psychology, 42 173-212, April 1930

The results of an investigation of relative efficacies show the intrinsic aids of rhyme and inversion slightly superior to all other aids included in the tests. Logical contexts are almost as effective as the intrinsic aids, they tend to become even more effective with time

380 Geldard, Frank A. and Crockett, William B The binocular acuity relation as a function of age Pedagogical seminary and Journal of genetic psychology, 37 139-45 March 1930

Tests were made of 204 subjects ranging in age from 6 to 71 years They were divided into eight groups It was found that the difference between the eyes with respect to visual acuity is a function of age and that there are wider variations in acuity differences at the upper age levels than at the lower

381 Geyer, Miriam T Influence of changing the expected time of recall Journal of experimental psychology, 13 290-92 June 1930

382 Goll Reinhold W Influence of mental, anatomical and nutritional development on the success of beginners. Doctor's thesis, 1930 University of Pennsylvania, Philadelphia

383 Harden, Luberta M The effect of emotional reactions upon retention. Journal of general psychology, 3 197-221, April 1930

384 Hart, Charles A The Thomistic concept of mental faculty Doctor's thesis 1930 Catholic university of America Washington D C Washington, D C Catholic university of America 1930 142 p

385 Hildreth, Gertrude H Interests and skills at school Child study, 7 201-64, June 1930

A general discussion of children's interests the possibility of utilizing them in school practice and the relation of interest to skill

386 Hull, Clark L A functional interpretation of the conditioned reflex. Psychological review, 36 498-511, November 1929

387 Hunter, Annamæ Certain experiments in learning Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies, 18 78-79 December 1930 (Abstract)

This investigation consists of two parts Part 1 was designed to discover whether good spellers learn by visual presentation or by auditory presentation Part 2 was an attempt to ascertain whether suggestion could be measured Fifty subjects took part in each of the experiments Data indicate that 82 per cent of good spellers are good visualizers of syllables, and that suggestion can be measured

388 Husband, Richard W. Certain age effects on maze performance Journal of genetic psychology and Pedagogical seminary, 37 325-28 June 1930

Fifteen persons over 30 years of age were set to learn one particular maze pattern and the results of the test compared with those of a control group The conclusion based on a small number of cases is that persons of over 30 years of age are somewhat inferior in maze learning to those around 20

389 Huskey, John Floyd Extroversion as a factor conditioning achievement in the elementary school Master's thesis 1930 University of Cincinnati, Cincinnati Ohio 88 p ms

Through the use of three adult ratings by the Marston introversion extroversion rating scale and the use of three pupil ratings by Freyd a list of 54 introvert traits as a check list it was found that for pupils of the fifth and sixth grades the extrovert has a slight advantage over the introvert in achievement and intelligence

390 Ijams, Elvin Hiawatha A brief history of the basic biological concepts of modern psychology Master's thesis, 1929 George Peabody college for teachers Nashville Tenn 106 p ms

391 Jaarsma, Cornelius R. Subject matter and method in educational psychology. Master's thesis 1930. New York University New York N. Y. 40 p. ms.

Organization of a course in educational psychology for a three year curriculum of a training school for elementary school teachers.

392 Jones, Harold Ellis. Individual factors in learning. (Quoted from the Psychological Bulletin and Journal of General Psychology 1937 72 April July 1929)

393 Kennedy Margaret. Speed as a personality trait. Journal of social psychology 1 24 (9) May 1929

The existence of a rush impulsive type that does everything quickly and of a cautious type that does things slowly has long been generally recognized. This study presents statistical evidence in support of this popular idea and suggests that "rush" is not a characteristic rate of work to be considered a personality trait.

394 Kiohr Paul. Individuation in education. Master's thesis 1930. California University of America Washington D. C. 20 p. ms.

395 Koch, Helen Lois. Influence of affective states upon recall. Journal of the University of Texas, Austin

396 ———. Some factors affecting the relative efficiency of certain methods of presenting material for memorizing. American Journal of Psychology 42 370-88 July 1930

The variables investigated in the study are: method of presenting learning stage to the case of a given unit at which the measurements of accurate behavior are taken; nature of the recording responses; degree of the subject's familiarity with the experimental method; fourteen young college women similar in age, ability and interest served as subjects during the experiment; learning the four practice and 42 error mental and 2 rote at the rate of one a day. The simultaneous combination of the aural and auditory presentation was according to the measures applied rather uniformly a better than the simple auditory presentation was uniformly inferior.

397 Kreezer George and Dallenbach Karl M. Learning the relation of opposition. American Journal of Psychology 41 82-11, July 1929

Within the limits of this study it was found that children of the social status of the group learn the meaning of opposition without special instruction regarding it by the end of their eighth year or the beginning of the ninth.

398 Krueger William C F. Further studies in overlearning. Journal of experimental psychology 14 12-43 April 1929

These experiments were conducted to obtain information on the following questions: (1) As the degree of learning is varied with the degree of retention vary proportionally? (2) Will the relation between the degree of learning and the degree of retention vary with the interval between learning and recall?

399 Langemo, Melvin B. What effect does age, mental age and experience have on color preference? Master's thesis 1930. University of North Dakota University 74 p. ms. (Review in School of education record vol 18 no 7, April 1931 p 213)

Three groups of subjects were used varying in age from 6 to 26. Findings: Girls like shades less than boys. As age and experience increase there is an increase in the choice for blue.

400 Lankering, Hilda L and Monroe, W S. Heredity and education. Masters thesis 1930. New Jersey state teachers college Montclair

401 Lauer, Alvah R. Analysis of integration, a study of the relationship between eye hand and foot response mechanisms. Doctor's thesis 1930. Ohio state university, Columbus 150 p.

A study of the relation of voluntary and involuntary responses with a view toward prognosis of motor ability. Findings: Sex differences are the result of training; prognosis decreases as the amount of training increases; training makes differences less obvious.



402 Lehman, Harvey C and Witty, P A. The lure of absolute objectivity American journal of psychology, 41 492-97, July 1929

403 Lincoln, Nebr Public schools Department of measurements and research. An attempt to stimulate quantitative thinking on the part of second and third grade children. 1929 4 p ms

404 Long, Ernest D Acquisition of skill by children as affected by distribution of practice Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 30 p ms

Two groups of sixth grade boys practiced at dart throwing ten in each group Group 1 practiced two days a week on alternate days 20 throws a day Group 2 practiced four days a week 10 throws Group 1 made 17 per cent progress group 2 made 26 per cent progress

405 Lorge, Irving Influence of regularly interpolated time intervals upon subsequent learning Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city, Teachers college, Columbia university, 1930 57 p (Contribution to education, no 438.)

In a study to ascertain what differences in efficiency result at trials subsequent to each interpolation of a constant time interval in a practice series the following variables were controlled duration of practice period number of practice periods duration of interpolated time intervals and the stage at which interpolation was introduced Types of material practiced were tracing a star seen in a mirror code substitution mirror reading memorizing nonsense numbers Four equated groups of subjects practiced each type of material Findings Learning under distribution is more efficient than under massing each time interval was effective in making for increased achievement If augmented superiority was not continued condition was not sufficient to demonstrate that time interval had lost its effectiveness

406 Lott, Henry C Content and sequence of first two courses in psychology, and of the principles of teaching 1930 Michigan state normal college Ypsilanti

407 Lowenstein, Norman What is scientific method An interpretive study of opinion on the nature of scientific thinking Master's thesis 1930 College of the City of New York New York N Y 63 p ms

A study of opinions of well known philosophers of the past and present relative to the specific nature of scientific method The author indicates the accredited characteristics of scientific method

408 Lucas, D B and Benson, C E The recall values of positive and negative advertising appeals Journal of applied psychology, 14 218-38, June 1930

Positive and negative advertisements were compared in two types of recall studies pure recall and aided recall with adults and with children Conclusions Mature people react about equally to both types of appeals and do not fall into groups favoring one type of appeal or the other Children of high school age react more effectively to positive appeal advertisements than to negative appeals The article includes a bibliography for motivated recall

409 McFarland, Ross A An experimental study of the relationship between speed and mental ability Journal of general psychology, 3 67-97, January 1930

In this study an attempt was made to show the relationship between the rate of response and mental ability as measured by the mental test material The results of this investigation agree with those of previous investigators who have held that speed of reaction is one of the most important factors in individual differences in ability to react to mental tasks

410 McGeech, John A and Melton, Arthur W The comparative retention values of maze habits and of nonsense syllables Journal of experimental psychology, 12 392-414 October 1929

The problem of this experiment was to compare the retention values of three unlike mazes with those of nonsense syllables given in lists of three different lengths Twenty four subjects 12 men and 12 women all college sophomores and juniors without previous

experience in learning mazes or nonsense syllables went through the whole experiment Under certain conditions the mazes used are the better retained and under certain others the lists excel There is no basis for the generalization that motor habits are better retained than are memorial materials

411 Maller Julius B The effect of signing one's name School and society 31 882 84 June 23 1930

Children rated each other once with and then without signing names or rating scales Findings The secret ballot was more severe and critical and showed much higher self rating than ballot with name on it

412 Mathews C O The clinical point of view in education 1930 Ohio Wesleyan university Delaware

The various evidences showing trends toward the clinical point of view and the probable values of these tendencies

413 ——— Evaluated test items in educational psychology 1930 Ohio Wesleyan university Delaware

414 Mathewson Anna Apparent movement in auditory perception Doctor's thesis 1929 University of Iowa Iowa City 151 p ms

415 Meyer Henry William The effect of position of printed response words upon children's answers to questions in two response types of tests Master's thesis 1930 University of California Berkeley 38 p ms

A repetition and verification of C O Mathews investigation on the effect of position of printed response words upon children's answers to questions in two response types of tests Conclusions (1) Mathews found that there was a constant tendency for pupils to mark the left response more often than the right while the author found the tendency slightly favoring the right response words (2) It was found by the author that the lower was marked more often than the upper while Mathews found the upper of two alternate responses marked more often (3) It should be noted that Mathews investigation involved preference while the author's were statements of fact

416 Monroe Walter S and Engelhart Max D Stimulating learning activity Urbana University of Illinois 1930 68 p (University of Illinois bulletin vol 28, no 21 September 2 1930 Bureau of educational research Bulletin no 51)

A study of the contributions of education to research to motivation

417 Moore Evelyn B A study of scientific attitudes as related to factual knowledge School review 38 379-86 May 1930

Conclusions That phase of the scientific attitude which is known as the ability to distinguish a valid explanation for a given situation in daily life from explanations less valid is clearly related to a knowledge of scientific facts and principles One's ability to apply knowledge is not in direct proportion to one's knowledge of facts Sex differences have little evident effect on the amount of factual knowledge or the ability to apply it no person is able to apply all the facts he knows

418 Nagakura Kunio Mental aspects of school children with special reference to mental range Masters thesis 1930 University of Wichita Wichita Kans 90 p ms

419 Nathanson Yale S A conceptual basis of habit modification Journal of applied psychology 13 469-85 October 1929

420 Norem Grant M Data on transfer of training and their interpretation Doctor's thesis 1929 University of Iowa Iowa City 282 p ms

421 Nystrom Clarence L A study of the relation of extroversion and introversion to success in beginning speech Master's thesis, 1929 University of Iowa Iowa City 94 p ms

422 Ogden R M The Gestalt psychology of learning 1930 Cornell university Ithaca N Y 13 p ms

A criticism of machine theories of learning and a defense of the functional concept of Gestalt

423 Olander Herbert T In experimental determination of the degree of transfer between taught and untaught number combinations in simple addition and subtraction 1930 University of Pittsburgh Pittsburgh Pa

424 Parrott Hattie S Plans for educational clinics including the beginners day program 1930 State department of public instruction Raleigh N C  
This study seeks to provide a better beginning for the school children It is revised annually

425 Powers Marion A study of the casual factors of oral inaccuracy Master's thesis 1929 University of Iowa Iowa City ms

426 Rankin Paul T Listening ability In Ohio state educational conference Proceedings 1929 p 172-83 Also in Chicago schools journal 12 177 79 417 '30 January June 1930

427 Robertson Mrs Pearl G The learning of children of different degrees of brightness Master's thesis 1929 University of Texas Austin 90 p ms  
Reports study of gain in standard test scores in reading and arithmetic of 457 pupils of grades 4 5 and 6 Children of higher IQ's in each mental age group made in six months from two to nine months greater gain than children of lower IQ's Correlations IQ and gain range from .12 to .21 for children of same mental age

428 Rodgers Helen Self appraisal ability in its relations to mental ability and age Master's thesis 1930 University of Pittsburgh Pittsburgh Pa  
University of Pittsburgh bulletin 27 36-66 November 1930 (Abstract)

429 Rosenhauer George K A study in the psychology of motor learning Master's thesis 1930 University of Wisconsin Madison

430 Russell Cathinka The pedagogical importance of Messendreck's experimental system Master's thesis 1930 New York university New York N Y

431 Sanderson Sidney Intention in motor learning Doctor's thesis 1930 University of Pennsylvania Philadelphia  
An article with the same title is in the Journal of experimental psychology 12 463-89 December 1929

The author presents experimental evidence of the importance of attitude in the field of motor learning

432 Sauer Florence M The relative variability of nonsense syllables and words Journal of experimental psychology 13 235-46 June 1930

Records were secured from 20 subjects 15 undergraduates from the introductory classes of psychology and five graduate students of psychology on five lists each of words and nonsense syllables Data indicate that words are more variable than syllables Initial syllables are learned first final syllables next while the last syllables to be learned are those coming just beyond the middle of the list The variability of the individual scores varies directly with the order of learning

433 Scott R Ray Some suggestions on learning from the point of view of Gestalt psychology Journal of educational psychology 21 361-66 May 1930

434 Scott Thurman C The retention and recognition of patterns in maze learning Journal of experimental psychology 13 164-207 April 1930

The object of this investigation was to determine how well maze patterns are retained by human subjects to what extent they are recognized when repeated, and to what degree they function even though they are not recognized Of the 230 subjects used in the experiment, 180 were undergraduates taken about equally from the three upper classes

435 Shutts Herman Arthur Effect of credits on effort 1930 West Virginia university Morgantown

436 Sorenson Herbert How to control behavior through school situations Nations schools, 5 53-54 March 1930

This study attempts to ascertain the effect of environmental situations that result from ability group ing within the same school and the environmental influence of attendance in a different school Five hundred and thirty-eight junior high school pupils were studied of whom 237 were investigated after their transfer to other junior high schools

437 Spence K W and Townsend, S A comparative study of groups of high and low intelligence in learning a maze *Journal of general psychology* 34 113-30 January 1930

The purpose of this study was to determine whether there is any relation between general intelligence as indicated by an intelligence test score and ability in motor learning as indicated by the learning record on a maze It is concluded from this study that the factors which make for a high intelligence score also make for a high performance on the maze

438 Stevens Homer Implications in scientific thinking for a theory of learning and habit formation Masters thesis 1930 Ohio state university Columbus 42 p ms

A survey of the trend of thinking in science and the field of educational psychology Results show little agreement in method

439 Symonds Percival M An analysis of tact *Journal of educational research* 21 241-54 April 1930

Lists a number of acts which indicate the absence of tact or social adjustment

440 Travis, Lee Edward and Young Clarence W The relation of electromyographically measured reflex times in the patellar and Achilles reflexes to certain physical measurements and to intelligence *Journal of general psychology* 3 374-400 July 1930

On the basis of reflex time records from 200 individuals ranging in ages from four to 35 years no evidence is found for correlation between reflex time and intelligence

441 Triplett Dorothy The relation between the physical pattern and the reproduction of short temporal intervals a study in the perception of filled and unfilled time Doctor's thesis 1930 University of Iowa Iowa City 124 p ms

442 Troyer Maurice E The influence of intercycle intervals of different length on pursuitmeter learning Masters thesis 1930 Ohio state university Columbus 100 p ms

An experimental study of 40 subjects in five groups with 36 cycles of practice for each subject and rest periods ranging from zero to nine minutes Findings Decided advantage in longer rest periods No predictive value in record of first cycle or intelligence test rating for ultimate success

443 Van Wagenen M J Reading scales in educational psychology 1929 Educational test bureau Minneapolis Minn

444 Wallick Roy G Determination of levels of difficulty of thought processes Masters thesis [1930] Temple university Philadelphia Pa 95 p ms

445 Watson Goodwin and Spence Ralph B Educational problems for psychological study New York The Macmillan company 1930 352 p

Contains a new type of case study organization for helping students apply their educational psychology and a bibliography of about 500 titles classified by chapter headings

446 Webb Walter W Massed versus distributed practice in pursuitmeter learning Masters thesis 1930 Ohio state university Columbus 54 p ms

From this study it was found that there is no significant difference in performance as far as the intervals between practice periods are concerned

447 Weeks Helen Foss Pickens H D and Roubenbush R I A comparative study of recent texts in psychology educational psychology and principles of teaching *Journal of educational psychology* 21 321-40 May 1930

A survey of the outstanding texts in psychology educational psychology and principles of secondary teaching revealed the following facts (1) There is overlapping of all fields on the selection of topics to the extent of more than 50 per cent (2) there is great variation in the per cent of space given to the common topics (3) educational psychology overlaps the other fields more than they overlap each other and (4) educational psychology lacks the extreme specialization of the other fields

448 Weiskotten T F and Ferguson J E A further study of the effects of loss of sleep *Journal of experimental psychology*, 13 247-66 June 1930

Five subjects were used in this study three as an experimental group and two as a control group The experiment was divided into three phases preinsomnia insomnia and postinsomnia Data indicate that fatigue does not lessen ability but serves to affect those factors of motivation interest initiative attention and concentration which are necessary to the learning process The outstanding characteristic is increased individual variability and its resultant instability

449 Whitehorn, John C, Lundholm Helge and Gardner George E. Concerning the alleged correlation of intelligence with knee jerk reflex time *Journal of experimental psychology* 13 293-96 June 1930

450 Wild Monica Rosina An inquiry into the relation of the emotions to the dance Master's thesis 1930 University of Wisconsin Madison

451 Willoughby Raymond R Incidental learning *Journal of educational psychology* 20 671-82 December 1929, 21 12-23 January 1930

The subjects of this study were the first 300 individuals tested for a larger study on mental inheritance Findings There is a low but significant relationship between ability to recall associations formed incidentally and the amount of practice on such associations Ability to substitute is highly indicative of general mental ability as measured by this battery but there is total absence of relationship between general mental ability and ability to recall

452 Winsor Andrew Leon Inhibition and learning *Psychological review* 36 389-401 September 1929

A criticism of current laws of learning in the light of recent studies on inhibition

453 Witty, Paul A. Some results secured in a psycho-educational clinic *Journal of applied psychology* 14 160-77 April 1930

The work of graduate students at the University of Kansas who were admitted to the clinic training course of the clinic in educational psychology is reported in this article Complete records of 458 children sent to the preschool clinic were studied

See also 570 1446

## CHILD STUDY

\*454 Barker Margaret A technique for studying the social material activities of young children Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 69 p (Child development monographs Monograph no 3)

An evaluation of the reliability of measures used in a technique for recording observations of spontaneous reactions of children two to three years old to material objects and to people It is concluded that the technique attempts to record too much social and material activity should be studied simultaneously but not by one person

455 Berne Esther Van Cleave An experimental investigation of social behavior patterns in young children Iowa City The University 1930 93 p (University of Iowa studies Studies in child welfare vol 4 no 3 March 15 1930)

References p 83-93

This study comprises a rather comprehensive examination into the social behavior of preschool children The first part of the monograph is given over to a brief presentation of the rating scale which was devised together with an account of the results obtained in the laboratories of the [Iowa child welfare research] Station The scale itself manifests a very satisfactory reliability for devices of this kind and where the ratings from three or more teachers judging independently are pooled the findings may be accepted with confidence"—Foreword.

456 ——— An investigation of the wants of seven children Iowa City The University 1930 61 p (University of Iowa studies Studies in child welfare vol 4 no 2 March 1930)

The data of the study are records of observation of 540 hours and 22 minutes of behavior at seven children during free play organized play lunch and sleep periods and the reports of five parents on the behavior likes and dislikes of children in their

homes. Behavior observed in the preschool group fell into social and nonsocial. Non-social behavior seemed to satisfy the wants necessary to the physical maintenance of the children. Secondary nonsocial wants were essential to physical and mental development. Social wants were found to be of three types. Results of the study show that behavior falling under one pattern may be motivated by a single want or by different wants acting together and that one want may motivate behavior classified under many different patterns.

457 Bishop Elizabeth Louise. Determination of data needed in construction of a course in growth and development of the child. Doctor's thesis, 1930. University of California Berkeley. 207 p. ms.

Determination of the factual materials, the skills and the techniques connected with interpretation of record-data about school children which are essential in the training of secondary teachers and which it is the peculiar function of the course in growth and development of the child to provide. Findings: (1) Definite need for a course dealing objectively with first hand study of normal children. (2) this course should be a professional, upper-division integrating course based on a sound knowledge of education and the biological sciences, including psychology. (3) distinct need for definite instruction in interpretation of scholastic, mental ability, health and personal history data found on record cards in the school files. (4) growth and development course should be a practical or laboratory course of three units, permitting one unit of work of a laboratory type for observation and record use to supplement the lecture-discussion periods.

458 Brainard Paul P. The mentality of a child compared with that of apes. Pedagogical seminary and Journal of genetic psychology, 37 208-93 June 1930.

The subject of this study was a little girl aged two years and seven months at the beginning of the tests which were adaptations of those given to apes by W. Kohler. Other children were used as a check on results or for preliminary testing. Findings: The same emotional attitudes are observable in the actions of the apes and children. There is the same general approach to the solution: a vigorous striving for the objective in a direct manner and in accord with old habits.

459 Chase Lucile. The effect of difficult tasks with young children on their attitude toward other tasks. Doctor's thesis, 1930. University of Iowa, Iowa City. 232 p. ms.

460 Chicago association for child study and parent education. The child's emotions. Chicago Ill. University of Chicago press 1930.

In this book 28 distinguished men and women among them Lashwell, Bonner, Lindeman and Gruenberg contribute their newest findings and theories.

461. Courtis S. A. Maturation units for the measurement of growth. School and society, 30 683-90 November 16 1929.

The purpose of this study was to suggest a new system of units for the measurement of growth. The new system has been found to apply not only to educational measurements, but to all growth data secured under certain defined conditions whatever the biologic field. The author believes that when the ideas, concepts and units which he presents are substantiated and perfected, a new era of precise experimentation and control will dawn for all biological scientists.

462 Crockett William Bamford. A genetic study of visual acuity differences. Masters thesis 1929. University of Virginia, Charlottesville.

463 Duffy Elizabeth. Tensions and emotional factors in reaction. Genetic psychology monographs, 7 1 79 January 1930.

A study was made with young children as subjects, in a laboratory situation of certain aspects of emotional excitement. Measures were taken over a period of time, each individual's score was represented by 11 different measures. The subjects were 11 children in the Child Institute of Johns Hopkins university. Their ages ranged, at the beginning of the experiment, from three years five months to five years one month.

464. Elliot Abigail Adams. Eating habits in relation to personality development of two and three year old children. Doctor's thesis 1930. Harvard university Cambridge, Mass. 241 p. ms.

Two boys and 3 girls who attended the nursery school of the Nursery training school of Boston and the Cambridge nursery school were rated in 31 personality traits and judged in four problems of conduct once a month for periods of one to four months.

The rating of the personality traits and judging of the problems were done by three raters. One of the four problems was eating habits. Finicky eaters were studied and compared with nonfinicky eaters. Data indicate that the guidance of a young child's eating habits is probably not only an important nutritional problem but an important personality problem as well and should be handled as a vital part of a program of the total personality development for each individual child.

405 Gesell, Arnold L. and Thompson Helen. Learning and growth in identical infant twins. An experimental study by the method of co-twin control. Genetic psychology monographs 6 5-123 July 1929

This is a comprehensive study of two girl twins who were observed from early infancy to 18 months of age to determine their developmental correspondence and their developmental divergence as affected by training confined to one twin.

406. Gillis, Frederick James. Consideration of the growth and development of personality in the first 72 months of a child's life with comparisons drawn for the periods, 12 30 50 and 72 months. Doctor's thesis, 1930. Boston college, Boston Mass. 171 p ms.

407 Goodenough, Florence L. The emotional behavior of young children during mental tests. Journal of juvenile research 13 204-219 July 1929

Data for this study were derived from a total of 1907 observations of 900 children between the ages of 18 months and six years who were examined at the University of Minnesota Institute of Child Welfare. Data point to the conclusion that the individual differences in behavior revealed by the ratings are more attributable to differences in training and experience than to innate tendencies.

408. Haggerty, Laura C. G. What a two and-one-half year-old child said in one day. Pedagogical seminary and Journal of genetic psychology 37 75-101, March 1930

409 Hall, William Robert. Creative and child growth opportunities in a traditional school. Master's thesis 1929. George Peabody college for teachers Nashville, Tenn. 86 p ms.

470. Hejlskian, Lucea and Hatt Elsie. The stem length-recumbent length ratio as an index of body type in young children. Merrill Palmer school Detroit Mich. American journal of physical anthropology, 13 287-307 July-September 1929.

A study of the  $\frac{SL}{RL}$  ratio of 180 nursery school children during the years from two to five. A further study of the percentile ranks of the ratios of 50 children from two to five years of age to determine the validity of the ratio as an index of body type at these early ages. It is concluded that within certain limits a child tends to retain the same relative rank in stem length-recumbent length ratio during the preschool years as compared with his chronological years and that the ratio is accordingly a valid index of body type during these years.

471 Herring, John P. The measurement of liking and disliking. Journal of educational psychology 21 159-96 March 1930

Gives results of ten units of experimental work on liking and disliking, nine completed at the Institute of Child Welfare Research and one at the Ethical Culture School in New York City.

472 Heyman, Kate Selma. The child in English poetry in relation to the educational and social background of the times from Chaucer to the present. Master's thesis 1930. College of the City of New York. New York N. Y. 115 p ms.

Attitudes toward the child of ten representative poets were analyzed in relation to the viewpoints of the time.

473 Hooker, Helen Ferris. A study of the 'only' child at school. Master's thesis 1930. University of Pittsburgh. Pittsburgh Pa. 57 p ms. University of Pittsburgh bulletin 27 295-96 November 1930 (Abstract)

474 Iowa University Iowa child welfare research station Physical traits of young children report of measurements of 150 boys and 167 girls from three to six years of age American journal of diseases of children 38 541-46 September 1929

Tables have been prepared of the means standard deviations probable errors and coefficients of variation in metric units of 150 boys and 167 girls from three to six years of age

475 Jackson C O A study of the effects of fear on muscular cooperation. Masters thesis 1930 University of Illinois Urbana

\*476 Jenkins Lulu Marie A comparative study of motor achievements of children of five six and seven years of age Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 54 p (Contributions to education no 414)

Three hundred white children enrolled in the public schools of Montclair and Englewood N J were given the motor achievement tests They were classified according to age five six and seven years Each age group was equally divided according to sex there being 50 children in each of the six age sex groups Some of the motor achievements which may be expected of five six and seven year old children have been shown in this study Comparisons giving significant likeness and differences between age sex groups have been pointed out

477 Jones H E and Jones M C Genetic studies of emotions Institute of child welfare University of California Berkeley Offprinted from the Psychological bulletin 27 40-64 January 1930

A review of recent literature of diary observations clinical records and psychoanalytic histories

478 Knight James. The child guidance clinic with special reference to a local situation. Masters thesis 1929 University of Texas Austin 72 p ms  
Compilation of material relating to purposes organization and operation of a child guidance clinic and a survey of Austin with reference to a proposed clinic

479 Lasker Bruno Race attitudes in children New York Henry Holt and company 1929 394 p

The author analyzes the factors which contribute to the development of attitudes of children toward persons of other races The study shows that race attitudes are the result of training and environmental influences and are emotional rather than rational experiences

480 Lord Elizabeth Evans. A study of the mental development of children with lesion in the central nervous system Genetic psychology monographs, 7 36, 48 May 1930

A study was made of the mental development of 35 children with bilateral dyskinesia of cerebral origin It was found that no child who had a developmental quotient indicating mental deficiency had a significantly higher quotient on later examination

481 McGinnis Esther The acquisition and interference of motor habits in young children. Genetic psychology monographs 6 203-311 September 1929

An investigation was undertaken to compare the ability of three four and five year old children to learn patterns on two kinds of stylus mazes to study the general form of the learning curve obtained and to determine the processes involved in maze learning by children.

482 McHale Kathryn Preadolescence Its development and adjustments Washington D C American association of university women 1930 66 p

A pamphlet for the guidance of study groups in preadolescent education A new syllabus covering the most recent findings on the physical mental emotional moral social development and adjustments of children primarily from seven to fourteen years

483 Mathewy C O Cross sections of early middle and late adolescent life 1930 Ohio Wesleyan university Delaware

Data were compiled from a large number of blanks constructed for the purpose of tapping the interests of adolescent boys and girls



484. Mann N. L. and Stiening Beryl The relative efficacy of form and background in a child's discrimination of visual patterns 1930 University of Pittsburgh Pittsburgh Pa (Faculty research)

485. National research council Child development abstracts and bibliography Washington D. C. Committee on child development National research council Vol 3 nos 1-6, 1929 vol 4, nos. 1-6, 1930 with subject in index Abstracts selected from current issues of psychological and medical magazines.

486. Nebeker Helen R. The relation of the size of the noon meal to the character of the afternoon nap 1930 Washington child research center Washington D. C.

Twenty children were studied their food was measured and calculated and their sleep was measured by a special apparatus Results were correlated

487. Olson Willard C The measurement of nervous habits in normal children Minneapolis University of Minnesota press 1929 97 p

A study of the nervous habits in 700 children from the nursery school through the eighth grade A new method for quantifying direct observations of overt behavior is developed Intensive study is given to the relation of nervous habits to family history habit formation nutritional status fatigue imitation intelligence age and sex

488. Payne Ann Louisa. A study of resistant behavior based on observations of young children Masters thesis, 1929 Cornell university Ithaca N. Y.

489. Portland elementary principals association Study group number 2 A study of pupil attitudes. In Portland elementary principals association First year book 1930 pp 83-89

Three questionnaires on pupils attitudes were submitted to approximately 1000 seventh and eighth grade pupils in 10 schools The pupils seemed to show no reluctance in replying to the questions The study carried over in teacher and pupil reaction and in a greater attempt on the part of the pupils in general to develop within themselves the qualities which they most admired in others

490. Rasmus Bessie Josephine. Speech sound discrimination ability Masters thesis 1930 University of Iowa Iowa City 64 p ms

491. Ray Wilbert Scott. Emotional responses in children with particular reference to circulatory and respiratory changes Doctors thesis 1930 University of Wisconsin Madison

492. Rogers Carl R. Measuring personality adjustment in children nine to thirteen. Doctors thesis 1930 Teachers College Columbia university New York N. Y.

A paper and pencil test which could be answered by checking was given to 5" boys and girls referred to the Institute for child guidance covering most of the areas of child life in which maladjustment is apt to occur From a study of the reactions of these children four diagnostic scores were developed a personal inferiority score social maladjustment score family maladjustment score daydreaming score The test was given to children in three grades of a private and a public school 167 children were used in final determination of norms Findings Test is usable either as an individual or as a group test Test scores give nearly as accurate a measure of the child's adjustment as a rating made by a clinical expert. High scores picked seriously maladjusted children while low scores selected fairly normal children In many cases the test yielded a very accurate picture of the child's personality and attitudes Test provides a fairly satisfactory method of selecting maladjusted children and of making a preliminary and tentative diagnosis of factors underlying their difficulties.

493. Rowntree Jennie Irene A study of absorption in young children. Doctors thesis 1929 University of Iowa Iowa City

494. Sanders Rachael W A study of children's selection of food and some of the factors influencing it. Masters thesis 1929 Cornell university Ithaca N. Y.

495. Sherman, Mandel. The afternoon sleep of young children 1930 Washington child research center, Washington, D C

A study of factors influencing sleep degree of activity, indoor or outdoor play, personality characteristics. Duration and depth of sleep are measured by means of an apparatus attached to the bed and recorded on a kymograph. Findings: Average duration of afternoon sleep is 80 minutes. Length of sleep was decreased by active play in morning. Quiet "introverted" children sleep longer than children with opposite characteristics.

496. Stiening, Beryl Rae. The relative efficiency of pattern and form in the visual discriminations of a young child. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. 11 p. ms. University of Pittsburgh bulletin, 27: 390-91, November 1930. (Abstract.)

497. Thomas, Dorothy Swaine and associates. Some new techniques for studying social behavior. New York city Teachers college, Columbia university, 1929. 203 p. (Child development monographs, no 1.)

The monograph describes an experimental approach to the study of social behavior in which emphasis is placed upon control of the observer rather than of the situation. The several research projects reported in preliminary form are of three general types: (1) those that are concerned with the recording of recurrent acts of a given individual over a period of time, (2) those in which the recurrence of a specific social situation within the nursery-school situation is recorded, and (3) those in which the psychological test situation is utilized to obtain data on social behavior. The phases of social interaction selected for study were: (1) the spontaneous reactions of young children in material objects and to people, (2) physical contacts, (3) laughter, (4) spontaneous group formation, and (5) overt nonintellectual behavior in the psychological test situation. The research program outlined in this monograph has as its primary aim the development of observational techniques for obtaining reliable quantitative data on social interaction. The importance of statistics as a tool for evaluating interrelationships in social behavior is emphasized.

498. Thurstone, L. L. and Jenkins, Richard L. Birth order and intelligence. Journal of educational psychology, 20: 611-51, December 1929.

Data for the study of 1,430 children were based on individual psychological examinations, the records for which are on file at the Institute for Juvenile Research. Findings: The mean intelligence quotient increases with birth order. The later born children seem to be brighter on the average than their earlier born siblings and the variability of test intelligence seems to increase with order of birth.

499. Urell, Catherine. Some factors associated with the adjustment and maladjustment in 42 adolescent and pre-adolescent children. Master's thesis, 1930. College of the City of New York, New York, N. Y. 151 p. ms.

The factors studied in the interviews conducted included family background, health, educational history, school activity and social preferences, fears, emotional attachments and the like. The positive findings indicated that the adjusted children were more social, read more and better books, were more healthy, liked studying better, had fewer fears, and made fewer indefinite answers to questions.

500. Vygotski, L. S. The problem of the cultural development of the child. Pedagogical seminary and Journal of genetic psychology, 36: 415-34, September 1929.

501. Washburne, Ruth Wendell. A study of the smiling and laughing of infants in the first year of life. Genetic psychology monographs, 6: 397-537, November, December, 1929.

A study of smiling and laughing behavior patterns as observed at regular intervals in 15 subjects under 52 weeks of age, methods of stimulation; and personality differences revealed by a study of two forms of expressive behavior.

502. Wilson, C. A., Sweeny, M. E. and others. The Merrill Palmer standards of physical and mental growth. Detroit, Mich., Merrill Palmer school, 1930. 130 p.

503 Witty, Paul A. and Lehman, Harvey C Further studies of children's interest in collecting Journal of educational psychology, 21, 112-27, February 1930

A study was made of the collecting habits of 1000 children using a check list of 100 items in September 1927 and April 1928 In the vicinity of Lawrence Kansas children of CA 10 appear to make a greater number of collections than do children of any other chronological or mental age

504 Woodruff, Myra deHaven A study of methods used by child study group leaders 1930 National council of parent education, New York, N Y 84 p ms

A study of methods used by 86 leaders in 23 states with the addition of one in the District of Columbia and three in Canada

505 Zalduendo, Celestina A study of the relation between developmental age and some physical measurements Masters thesis 1930 Catholic university of America Washington D C 33 p ms

See also 12 70 1801 and under Preschool kindergarten and primary education

#### SEX DIFFERENCES

506 Broom M Eustace Sex differences in mental ability among junior high school pupils Journal of applied psychology, 14 83-90 February 1930

Scores made by 600 junior high school boys were compared with those made by 600 junior high school girls in the Terman group test of mental ability The study supports the hypothesis that boys and girls differ very slightly if at all in ability to do school work (mental ability)

507 Denver, Colo Public schools Department of research. Sex differences in the intermediate grades relative to achievement in social science. 1930

A study to determine the extent and influence of sex differences upon social science instruction in grades 5 and 6

508 Dvor, John W Sex differences with reference to school marks in grades 10 11 and 12 of the Wichita Kansas schools Masters thesis 1929 University of Kansas Lawrence 114 p ms

509 Johnston, Marie Sex differences in tests of muscular skill Masters thesis 1929 University of Illinois Urbana 49 p ms

Findings Physical education majors among women are more nearly comparable to men in tests of motor skill than are women who have had no physical education training

510 Lehman, Harvey C and Witty, Paul A Sex differences interest in tasks requiring mechanical ability and motor skill Journal of educational psychology, 21 230-45 April 1930

This article presents salient sex differences in participation in certain activities which appear to require manual dexterity and motor skill Data were gathered from over 5 000 children in four Kansas towns and treated statistically

511 Meltzer, H and Bailor, E M Sex differences in knowledge of psychology before and after the first course Journal of applied psychology, 14 107-21 April 1930

A group of students in the first course in psychology in a state college on the Pacific Coast were given the same final examination on their first and last appearance in class Differences were small before the course but substantially in favor of the women of the group after the course.

512 Wagner, Philip O Standardization of the new feature profile test. Master's thesis 1930 Ohio state university Columbus 20 p ms

Tabulation of results obtained from examining 283 school children 6 to 10 years old Results show definite age and sex differentiations.

513 Young, Kimball Sex differences in certain immigrant groups. Journal of social psychology 1 227-47 May 1930

The purpose of this study was to survey the sex differences in the various groups American and immigrant as shown in tests using the Army Alpha and Beta and the

522. Brown, Andrew W. The change in intelligence quotients in behavior problem children. *Journal of educational psychology*, 21: 341-50, May 1930.

Gives results of a study made of 707 children at the Institute for juvenile research to determine the amount of variation in intelligence quotients in behavior problem children, and to enumerate some of the conditions of large variations.

523 ———. The correlation of non-language tests with each other, with school achievement, and with teachers' judgments of the intelligence of children in a school for the deaf. *Journal of applied psychology*, 14: 371-76, August 1930

Data for this study were secured from the results of a survey of the Jacksonville school for the deaf, Jacksonville, Ill. Three hundred ninety children were given individual and group non-verbal mental tests and a battery of educational tests. One hundred children above grade five, ranging in age from 14 to 25 years, were tested with non-language tests. Data indicate a close correspondence between the non-verbal tests. There is practically no relation between general intelligence and the type of response measured by these tests.

524. Buchanan, William D. Retest of the personality traits of a group of grade six children. *Journal of educational psychology*, 21: 70-73, January 1930.

A group of 30 children at the Dozier school, St. Louis, were retested with the Downey group test. Data from the retest indicate that the Downey group test is not well suited for use with young grade six children.

525. Carroll, Herbert A. and Hollingworth, Leta S. The systematic error of Herring-Binet in rating of gifted children. *Journal of educational psychology*, 21: 1-11, January 1930.

The authors have shown in this study, that the Herring-Binet test cannot be used as an alternate form of the Stanford-Binet test with exceptionally bright children. From the data examined in the study of 80 gifted children who were tested by both tests, whose validity was checked on an experimental group of school children, the authors conclude that the Herring-Binet may not be properly used as an alternate form of the Stanford-Binet, that the Herring-Binet is the less valid of the two instruments; and that the two instruments are equally reliable.

526. Cattell, Psyche. Comparability of IQ's obtained from different tests at different IQ levels. *School and society*, 31: 437-42, March 29, 1930.

The records of 332 children who had been given two or more Stanford-Binet tests and whose group test records were nearly complete were selected from the files of the Harvard growth study. The children were given eight tests and their grades were studied statistically. The study is a warning against the use of medians and reliability coefficients as a sole basis for judging the reliability of a test and against the errors that may result from using the IQ's obtained from different tests or at different ages as equivalents. The study does not reflect on the value of tests as an aid in ranking pupils for purposes of promotion, ability grouping, etc., when the same test or tests are given to all pupils.

527. ———. IQ's and the Otis' measure of brightness. *Journal of educational research*, 22: 31-35, June 1930.

528. ——— and Gaudet, Frederick J. The inconstancy of the IQ as measured by repeated group tests. *Journal of educational research*, 21: 21-28, January 1930.

529. Chauncey, Marlin R. The relation of the home factor to achievement and intelligence test scores. *Journal of educational research*, 20: 88-90, September 1929.

Gives the results of measurements given to 243 pupils of grades 8-9. The Stanford achievement test, multimental scale, chronological age and Sims score card were used.

530. Clark, Edward L. (Portland, Oregon). The predictive value of the psychological examination prepared by the American council on education in the College of engineering scholastic tests. [1930]

The general conclusions from the studies are as follows: First, the students making the highest gross scores in the psychological tests are not necessarily students who secure the

combined Alpha and Beta, and to survey the sex differences among these various groups as revealed in the individual tests of the two scales, Alpha and Beta. Results of the combined Alpha and Beta showed that with the exception of the Portuguese group, the boys are, on the whole, more variable than the girls but do not equal them in average performance.

See also 314, 615, 2450, 3100

## PSYCHOLOGICAL TESTS

514 Adams, Henry F. An objectivity subjectivity ratio for scales of measurement. *Journal of social psychology*, 1: 122-35, February 1930.

Summarizing the results of this study the author says that a scale may be considered objective when group consistency and self consistency are approximately equal; a scale may be considered to be subjective when self consistency is appreciably higher than group consistency.

515 Allen, Clinton M. Some effects produced in an individual by knowledge of his own intellectual level. Doctor's thesis 1930. Teachers college, Columbia university, New York, N. Y. New York city, Teachers college, Columbia university, 1930. 98 p. (Contributions to education, no. 401.)

A study—survey and experimental—bearing upon the problem of reporting to individuals the scores and quotients they make on standardized intelligence and educational tests. Discloses what practices prevail throughout the United States, what opinions more than 500 school officials and teachers have on the question, and what some of the results of informing and not informing students have been.

516 Anthony, Lowell Harbert. The feasibility, superiority, and advisability of true-false tests in high school instruction. Master's thesis, 1930. Indiana university, Bloomington. 47 p. ms.

517 Babcock, Harriet. An experiment in the measurement of mental deterioration. Doctor's thesis [1930]. Columbia university, New York, N. Y. New York, N. Y., August 1930. 104 p. (Reprinted from *Archives of psychology*, no. 117.)

In an attempt to devise a measure of mental deterioration, 30 tests which emphasized speed of response and the fixation phase of memory were used because these phases of intelligence are noticeably affected in pathological mental conditions. The tests were given to normal adult subjects of mental levels from five to 20, and scoring values were determined, which corresponded fairly closely with the mental ratings of the normal subjects used. The examination was shown to be a valid indication of mental deterioration.

518 Bechtel, Helen W. A cumulative psychological test record card. *Educational method*, 9: 222-20, January 1930.

This is an attempt to provide for a cumulative record of an individual's score on psychological tests, and to gather those facts necessary for the analysis of the results. A tentative form was worked out and tried for one school year in six communities, with 59 teachers and approximately 2,000 children. After incorporating the changes recommended by the teachers, the record blanks were revised and published. A bibliography is included.

519 Beba, Vedide Hakki. Selection of material for a non language mental test for Turkish children. Master's thesis, 1930. University of Chicago, Chicago, Ill.

520 Broom, M. Eustace. How constant is the IQ yielded by the Otis self administering test of mental ability? *Journal of educational research*, 22: 53-55, June, 1930.

521 Brown, A. Jean. An enquiry into the standardization of the Kohs' block design test. *Journal of applied psychology*, 14: 175-81, April 1930.

This article reports a study of the Kohs' block design test carried out by the writer in the Toronto public schools in 1927-1928. The point which seems of most importance in this investigation is the wide range and consequent marked overlapping at each age level.

522. Brown Andrew W. The change in intelligence quotients in behavior problem children. *Journal of educational psychology* 21 341-50 May 1930

Gives results of a study made of "OT children at the Institute for juvenile research to determine the amount of variation in intelligence quotients in behavior problem children and to enumerate some of the conditions of large variations.

523 ——— The correlation of nonlanguage tests with each other with school achievement and with teachers judgments of the intelligence of children in a school for the deaf. *Journal of applied psychology* 14 371-75 August 1930

Data for this study were secured from the results of a survey of the Jacksonville school for the deaf Jacksonville FL. Three hundred ninety children were given individual and group nonverbal mental tests and a battery of educational tests. One hundred children above grade five ranging in age from 14 to 20 years were tested with non language tests. Data indicate a close correspondence between the non verbal tests. There is practically no relation between general intelligence and the type of response measured by these tests.

524 Buchanan William D. Retest of the personality traits of a group of grade six children. *Journal of educational psychology* 21 70-73 January 1930

A group of 30 children at the Dozier school St. Louis were retested with the Downey group test. Data from the retest indicate that the Downey group test is not well suited for use with young grade six children.

525 Carroll Herbert A. and Hollingworth Leta S. The systematic error of Herring Binet in rating of gifted children. *Journal of educational psychology* 21 1-11 January 1930

The authors have shown in this study that the Herring Binet test cannot be used as an alternate form of the Stanford Binet test with exceptionally bright children. From the data examined in the study of 50 gifted children who were tested by both tests whose validity was checked on an experimental group of school children the authors conclude that the Herring Binet may not be properly used as an alternate form of the Stanford Binet that the Herring Binet is the less valid of the two instruments and that the two instruments are equally reliable.

526 Cattell Psyche. Comparability of IQ's obtained from different tests at different IQ levels. *School and society* 31 437-42 March 29 1930

The records of 337 children who had been given two or more Stanford Binet tests and whose group test records were nearly complete were selected from the files of the Harvard growth study. The children were given eight tests and their grades were studied statistically. The study is a warning against the use of medians and reliability coefficients as a sole basis for judging the reliability of a test and against the errors that may result from using the IQ's obtained from different tests or at different ages as equivalents. The study does not reflect on the value of tests as an aid in ranking pupils for purposes of promotion ability grouping etc. when the same test or tests are given to all pupils.

527 ——— IQ's and the Otis measure of brightness. *Journal of educational research* 22 31-35 June 1930

528 ——— and Gaudet Frederick J. The inconstancy of the IQ as measured by repeated group tests. *Journal of educational research* 21 21-28, January 1930

529 Chauncey Marlin R. The relation of the home factor to achievement and intelligence test scores. *Journal of educational research* 20 88-90 September 1929

Gives the results of measurements given to 743 pupils of grades 8-9. The Stanford achievement test multimental scale chronological age and Sims score card were used.

530 Clark Edward L. (Portland Oregon). The predictive value of the psychological examination prepared by the American council on education in the College of engineering scholastic tests. [1930]

The general conclusions from the studies are as follows. First the students making the highest gross scores in the psychological tests are not necessarily students who secure the

highest grades in the courses (this is no doubt explained largely by improper motivation or by inaptitude for engineering courses) second the scores in the psychological test do have predictive value with reference to the lowest quartile and third these students apparently are not able to do successful engineering college work except as this low score is due to language difficulty in case of foreign born Europeans

531 Cole Robert D A conversion scale for comparing scores on three secondary school intelligence tests *Journal of educational research* 20 190-98 October 1929

Six thousand five hundred fifty scores of boys from 13 to 19 years of age were the basis for this scale for comparing scores on Terman Otis advanced and Otis self administering tests

532 Conrad Herbert S The adjustment of frequency distributions *Journal of educational psychology* 21 386-87 May 1930

533 Cox John F Rearrangement of Binet tests for adults Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 60 p

534 Coxe Warren W and Orleans J S Procedure in analyzing prognosis tests *Journal of educational research* 22 36-43 June 1930

535 Cuff Noel B Is the IQ constant? *Peabody journal of education* 8 32-34 July 1930

Data for this study were gathered in the training school of Eastern Kentucky state teachers college in giving 144 tests of children in the first grade The Herring revision of the Binet Simon tests were used *Finding* The children cluster in the neighborhood of the average There were some shifts from the dull to the average level and from the average to the superior for the second test

536 Cureton Edward E and Dunlap Jack W Note on the testing of departure from normality *Journal of applied psychology* 14 91-94 February 1930

The authors describe a method of measuring deviations from a normal distribution which has been proposed by R A Fisher

537 Davis Thomas Royal The prognostic value of certain tests for predicting the success of high school freshmen Master's thesis 1930 University of Chicago Chicago Ill

538 Dearborn Walter F and Cattell Psyche The intelligence and achievement of private school pupils *Journal of educational psychology* 21 197-211 March 1930

This study of the intelligence and school achievement of private school pupils is based on the chronological age grade status and intelligence test results of 1,295 pupils from 12 schools and the achievement test results from three schools about 300 pupils

539 Dunlap Jack W On the technique of establishing the goodness of an intelligence test *Journal of educational research* 20 36-72 December 1929

540 ——— De Mello Adrian and Cureton Edward E The effects of different directions and scoring methods on the reliability of a true false test School and society 30 378-82 September 14 1929

A 48 item standardized test designed to measure reading comprehension was given to 72 second year students of the Territorial normal school Honolulu The students were divided into three groups and each group was given the test three times in immediate succession each time with a different set of directions A new type of directions has been devised for true false tests which seems to give a better reliability than directions to guess The authors believe that the new directions under classroom conditions will result in a higher reliability than other directions and have the added advantage that they may be scored number right

541 Edgerton Harold A Measuring the validity of predicted scores *Journal of educational psychology* 21 388-91 May 1930

542 Fay Paul J. *Measurements synthesis*. Educational research bulletin (Ohio state university) 8 355-51 November 20 1929

Contains a new type of test item to test the ability to grasp a given question as a whole rather than of the ability to recognize a single element. The test was given to 51 students in a university class in history of education

543 Finch, Frank H. *Evaluating test items*. Master's thesis 1930 Washington university St Louis Mo

544 Foran T G. A supplementary review of the constancy of the intelligence quotient. Washington D C Catholic education press 1929 42 p (Catholic university of America Educational research bulletins vol 4 no 9 November 1929)

References p 38-42.

545 Forlano George. *Item validity analysis of the ninth year level of the Stanford Binet tests*. Master's thesis 1930 College of the City of New York New York N Y 15 p ms.

Determination of correlation between passing each test and mental age chronological age and educational progress to find the likely influence of environmental factors upon each test. Findings (1) There is a fairly high correlation between each test and score on the entire examination (2) the tests are arranged according to their dependence upon the factors measured

546 Freeman F S. *Intelligence tests and the nature-nurture controversy*. Cornell university Ithaca N Y School and society 30 830-36 December 21 1929

A critical discussion of experimental results

547 Garrett Henry E. *A study of the *Cald* intelligence examination*. Journal of educational research 21 103-108 February 1930

548 Goodman A K. *The relationship of intelligence and achievement test scores to mortality and scholastic ratings a continuation of a study of 500 freshmen at Colorado state teachers college*. Second annual report 1929 Colorado state teachers college Greeley Colo 46 p

549 ———. *The relationship of intelligence and classification test scores to mortality and scholastic ratings a continuation study of 438 freshmen of the class of 1932 at Colorado state teachers college*. 1929 Colorado state teachers college Greeley 37 p ms

Conclusions (1) The number of students failing to complete the first three quarters of their college work was 109 or 24.9 per cent of the 438 that matriculated. Approximately one out of four became a mortality case (2) of the 109 mortality cases 37.64 per cent were in the lowest fifth and 21.5 per cent in the highest fifth of intelligence. No satisfactory explanation can be made for this condition due to lack of data (3) the largest mortality occurred for the winter quarter. Sixty-two individuals or 14.2 per cent of the number carrying work for the winter quarter were lost etc

550 Gorham Donald R. and Brotemarkle R. A. *Challenging three standardized emotional tests for validity and employability*. Journal of applied psychology 13 554-88 December 1929

Data were secured from 10 men and 10 women members of a seminar class at Eastern university. The data were treated statistically. The statistical method of comparison of averages and total scores is not ample as a check on the validity of the tests examined. In the hands of an experienced clinician the scores from the tests examined serve as a basis for reasonably accurate and valuable analysis

551 Groves John W. *Distribution of students by aptitude test and academic success*. 1930 Fresno state college Fresno Calif ms

A study to find the basis of expectancy of entering students tested by Council of education intelligence test as to scholarship. Findings Little chance in lower half of test



552 Haggerty Olson Wickman behavior rating schedules *Yonkers on Hudson N Y World book company 1930 Manual 11 p Scales 6 p*  
 Manual of directions with norms for the use of scales designed for the study of behavior problems and problem tendencies in children

553 Hathaway Starke R A comparative study of psychogalvanic and respiration time measures *Journal of applied psychology 13 632-46 December 1929*

A description is given of a new psychogalvanic apparatus Experiments with the improved apparatus show that it is capable of measuring more readily and clearly some of the aspects of affective behavior

554 Hathaway Virginia R Intercorrelations of tests for scientific aptitude social and general intelligence with scholarship *Masters thesis 1930 Ohio state university Columbus 22 p ms*

Two hundred forty subjects were given three tests Scholarships were computed correlations determined Findings Social and general intelligence tests seem to measure significantly similar traits Social test predicts scholarship almost as well as general intelligence test For girls the best prognosis for scholarship seems to be a combination of the tests here used For boys the general intelligence test alone predicts nearly as well as the combination No correlations are high enough to warrant adding the scientific aptitude and social intelligence tests to the testing programs for admission requirements For individual guidance programs these tests would be of considerable value

555 Hirsch Nathaniel D An experimental study upon 300 school children over a six year period *Genetic psychology monographs 7 487-549 June 1930*  
 An experiment undertaken in Nashville public schools which involved the testing and retesting by mental tests of more than 300 school children

556 Hirschstein Bertha Evaluation of test items *Masters thesis 1930 Washington university St Louis Mo*

557 Hoff Arthur Test for scientific attitude *Masters thesis 1930 University of Iowa Iowa City 156 p ms*

558 Hunt Faith Amelia Prognostic value of intelligence tests *Masters thesis 1930 University of South Dakota Vermillion 67 p ms*

559 Hurlock, Elizabeth B The suggestibility of children *Journal of genetic psychology 37 59-74 March 1930*

A study was made of 404 boys and girls who attended public school no 5 Manhattan New York City One hundred ninety four of the children were white and 10 colored The national intelligence test Form A, and the Otis group test of suggestibility for children were used in the study The results indicate that approximately two-thirds of the suggestions given were resisted by the children and that they are better able to resist suggestion than is generally believed The difference in suggestibility between sexes and races are so slight as to be almost negligible

560 Johnson Timothy Augustin Errors in intelligence test scoring *Masters thesis 1929 Teachers college Columbia university New York N Y 33 p ms*

561 Jones, Alfred H. The prognostic value of the low range Army alpha scores *Journal of educational psychology 29 539-41 October 1929*

The 40 students who made scores of less than 100 in the Alpha test given in Teachers college University of California Los Angeles in September 1928 were studied Data indicate that students with Alpha scores of less than 100 should be taken under advisement prior to matriculation

562 Jones Charles H Reliability of group intelligence tests administered to children from foreign language homes *Masters thesis [1930] New York state college for teachers Albany*

Pinner Cunningham test was used with two groups from English and Italian speaking homes Significant differences in average scores and IQs were found

563 Kuhlmann, F Effect of degree of difficulty on operation of intelligence tests *Journal of juvenile research* 14 8-21 January 1930

Findings Any given test battery works best at a certain age level above which raw scores tend to become the same for dull and bright children This is associated with greater variability in mental age at the higher age level and greater unreliability of mental age scores The Pearson formula for determining correlation is inadequate for measuring reliability and often gives a high  $r$  because tests are poor and too easy for subjects tested

564 Langlie T A What is measured by the Iowa 'aptitude' tests? *Journal of applied psychology* 13 689-91, December 1929

Data indicate that aptitude tests measure 'training' to some extent

565 Langwith, J E The value of the intelligence test as an indication of a pupil's probable success in future school work Master's thesis 1929 Southern Methodist university, Dallas Texas 67 p ms

A study of the progress of two groups of first grade pupils for periods of four and five years Findings High correlation between IQ and scholastic progress six year old pupil with IQ of 100 or more can do satisfactory work in the first grade as now organized in Texas

566 Lantz Beatrice Quartile interpretations of test results (intelligence and educational tests) 1930 Public schools Ventura, Calif. 12 p ms (Diagrams)

567 Lauer, Alvin R An empirical study of the effects of grouping data in calculation of R by the Pear-on products moment method *Journal of applied psychology* 14 182-89 April 1930

568 L'Ecuycere, Eva A study of the influence on a pupil's point score of announcing an intelligence test. Master's thesis 1930 New York university New York N Y 83 p ms

569 Lefever, David Welty The prognostic values of certain groupings of the test elements of the Thorndike intelligence examination for high school graduates Los Angeles University of Southern California press 1930 110 p (University of Southern California studies Education series no 9)

The data on which this study was based were limited to the group of freshmen entering the University of Southern California at the beginning of the fall semester of 1928

570 Lehman Harvey C The oral versus the mimeographed true false S h c l and society 30 470-72 October 5 1929

During the spring of 1929 the author presented 55 true false statements first orally and then again in mimeographed form to his classes in educational psychology Both modes of presentation had to be completed within approximately 50 minutes Two sets of data were assembled for nine classes in educational psychology In this study the oral presentation was found to be fully as efficient as the mimeographed presentation

571 Lewerenz A S Orientation test 1930 Public schools Los Angeles, Calif

572 Libby, Philip Allan The significance of certain groupings of the test elements of the Thorndike intelligence examination for high school graduates as a basis for the prognosis of college success. Master's thesis 1929 University of Southern California Los Angeles 149 p ms National education association Department of secondary school principals bulletin 34 90 91 January 1931. (Abstract)

The purpose of this study was to determine what relationships exist between total scores and certain groupings of the test elements of the Thorndike intelligence examination for high school graduates and first semester grades in 20 of the most popular courses open to freshmen at the University of Southern California Data obtained from the test scores and first semester grades of 745 freshmen entering the university in the fall of 1927 indicate that test groupings are better than the total test scores in all but three of the 20 subjects considered in the study as a basis for the prognosis of success

573 Llimmer, Andrew Madison. The development of the scientific testing movement in America Master's thesis, 1930 University of Texas, Austin

574 Lindquist, E. F. Standard response error in a measure of improvement. *Journal of educational psychology*, 21. 229-30, March 1930

575 McNulty, Ellen A. History of association tests, types uses and statistical methods of handling 1930 Public schools, Los Angeles, Calif.

576 McGeoch, John A. and Bunch, Marion E. Scores in the Pressey X-O tests of emotions as influenced by courses in psychology. *Journal of applied psychology*, 14. 150-59, April 1930

Pressey X-O tests, form A were given to four sections of sophomores in the second semester of general psychology. The groups were subjected to different conditions and retested. Data indicate that the teaching of the topics described in the article has a distinct influence on the effective organization of the students as represented in their Pressey scores

577 McPhse, E. D. and Brown, A. J. An inquiry into the standardization of the Ferguson form boards *Journal of educational psychology*, 21. 24-36, January 1930

The Ferguson form board series was given to 134 pupils picked as random sample of children aged eight to 12 years inclusive in Toronto public schools. Conclusions: The Ferguson form board series tests some functions with a high degree of reliability, but these functions do not develop regularly with chronological age development

578 Mason, Charles W. The possibilities of an objective executive aptitude test Master's thesis, 1930 University of Buffalo, Buffalo N. Y. 65 p ms

The purpose of this study was to try to discover what measurable characteristics all executives have in common as opposed to non-executives, a rating scheme and various objective tests being devised for the purpose. The results confirmed earlier findings in that selection of sales and technical types were easily distinguished, but the tests failed to select men rated by others as of the executive type. Indications were found that executives combine the qualities of the sales and technical types

579 May, Walter M. Results of tests in intelligence, civics and arithmetic in 1929, and a study of the graduates of 1928-1929 State board of education, Concord, N. H. 12 p ms

State-wide tests were given to members of grade 12 in all the approved four year and six year high schools, in New Hampshire. The writer concludes that greater emphasis should be placed upon education in high schools as "a process of conserving and cultivating human capacities and talents in all their variety and richness." The intelligence test scores for the members of the class of 1928 entering other institutions or employment indicate that among this group there is much good material capable of profiting by further training

580 ——— Results of tests in intelligence, silent reading and English forms 1930 State board of education, Concord, N. H. 10 p ms

581 Miller, Earl. A comparative study of 10 group intelligence tests on the high school level Doctor's thesis, 1930 University of Wisconsin, Madison 115 p ms

A study of the comparative reliability and validity of 10 group intelligence tests given to 150 seventh grade pupils

582 Nelson, Mrs Janet Fowler. Personality and intelligence A study of responses, other than intellectual, noted in a simple mental test situation Doctor's thesis, 1930 Teachers college, Columbia university, New York, N. Y. New York city, Teachers college, Columbia university, 1931 62 p (Child development monographs, no 4)

Study was based on records obtained during psychological examination of 91 children, living in a suburban community, examined within three months of their third birthday. Behavior responses selected for study were: resistance, persistence, gross amount of spontaneous conversation, spontaneous activity, spontaneously repeating or demanding other test material and the spontaneous use of test materials for purposes other than indicated at a given moment. Reliability of recording these responses was found to be uniformly

very high. Behavior responses studied show slight relationship to mental test situation with exception of resistance and spontaneous conversation. Sex differences were negligible. Interrelationships of various factors were for the most part negligible. The study showed that measures of the various traits definitely discriminate among the children and the measure of these traits is reliable.

583. Nesmith, Robert W. Scoring the continuity test. School review, 37. 764-66, December 1929

The author thinks that continuity tests are of such value that it seems worth while to center attention on efforts to discover a proper means of scoring them. Comments on the scoring of continuity tests by Howard E. Wilson in School review, 38 115-23, February 1930, by D. A. Worcester, in School review, 33 462-68 June 1930

584. Odom, Charles Leonard. A study of the mental growth curve with special reference to the results of group intelligence tests. Journal of educational psychology, 20 401-16, September 1929

In the present study the following tests were investigated: Dearborn scale series I and II; Otis group scale, primary and advanced; Illinois group intelligence scale, and the National Intelligence scale A. Data are compiled from tests given children in Massachusetts towns: Chicago and Bloomington, Ill., and in several other communities. Data indicate that the mental growth curve is generally negatively accelerated when plotted from the results of group intelligence tests.

585. Pintner, R. Intelligence tests. Psychological bulletin, 26 381-96, July 1929

A summary of the work in intelligence testing published during the previous year together with a bibliography of 125 titles.

586. — Intelligence tests. Psychological bulletin, 27, 431-57 June 1930  
A summary of the work in intelligence testing published during the past year together with a bibliography of 180 titles.

587. Pollock, Annabelle. Study of modified form of the matching test. Master's thesis 1930. University of Iowa, Iowa City. 54 p. ms.

588. Powers, Nellie Eva. Measurement of intelligence of school children at work. Doctor's thesis, 1930. Boston university, Boston, Mass. ms.

589. Reilly, Sister M. Visitation. Visual perception in reading and spelling: a statistical analysis. Doctor's thesis, 1929. Catholic university of America, Washington, D. C. Washington, D. C., Catholic education press 1929. 43 p.

A study of measures of different varieties of visual perception and an evaluation of the significance of these abilities in reading and spelling.

590. Reinhart, Sister M. Mirian. A test for the measurement of judgment in the grammar grades. Master's thesis 1929. Catholic university of America, Washington, D. C. 42 p. ms.

591. Riordan, Sister Mary Cecile. A study of the responses to Part II of the Otis classification by eighth grade pupils of different mental age trends. Master's thesis, 1929. University of Nebraska, Lincoln. 127 p. ms.

A study to ascertain if the type of question in the Otis classification test is differentiating factor between varied mental age levels and the sexes. Findings: Many individual items of the test do not differentiate mental age levels. Several are answered correctly by so many or so few as not to constitute a test. Different "intellectual functions" are unequally measured by the test.

592. Rorstad, Bertha Elaine. A study of varied types of matching tests. Master's thesis 1929. University of Colorado, Boulder. 33 p. ms.

A study of five tests: the best method of scoring of five different methods and reliability of each method. Findings: One point for each answer without regard for order has highest reliability—86. Most difficult type of multiple response test is one requiring answers in order of importance.

593. Runnels, Ross Owen. The comparability of mental ages as measured by group intelligence tests. Doctor's thesis, 1930. New York university, New York. N. Y.

594 Sangren Paul V Comparative validity of primary intelligence tests  
Journal of applied psychology 13 394-412 August 1929

Individual and group intelligence tests were given to four groups of first grade children of the training schools of Western state teachers college Kalamazoo Mich. One of the most significant findings of the study is that judgment of the validity of a test in terms of any single criterion is unsafe that a test may be highly valid in one respect but quite the reverse in another and that the validity of an intelligence test is always a matter of degree.

59 ——— Information tests for young children 1930 Western state teachers college Kalamazoo Mich. Yonkers N Y World book company 1930 37 p

Construction of series of tests to measure mental level and information background of children three to eight years old.

596. Santa Monica Calif City schools Department of research. Intelligence survey 1 B September 1929 February 1930 4 p ms each

The Detroit first grade intelligence test was given at the beginning of the year to all entering first grade pupils. The total number tested was 253. Distributions were made showing the score, chronological age, mental age and the intelligence quotient. According to the results of this test, first grade pupils in Santa Monica may be classified as normal, as shown by a median IQ of 109.9.

597 ——— National intelligence test survey 4-B October 1929 February 1930 4 p ms each

The National intelligence test was given at the beginning of the school year to all pupils of the 4 B grade. The total number tested was 242. Distributions were made showing the score, chronological age, mental age and the intelligence quotient. According to the results of this test, 4-B children may be classified as normal as shown by a median IQ of 100.

598 ——— Intelligence survey of grades 1 B and 4-B 1929 61 ms (Report no 2)

The mental survey includes intelligence tests of pupils from grade 1 B and 4-B. Five hundred thirty nine pupils were tested and scored by members of the research staff. The results of the group tests show that in grades 1 B and 4-B Santa Monica stands well up to the expected average in intelligence.

599 ——— Manual for the use and interpretation of tests Santa Monica Calif City schools, 1929 29 p.

The manual deals with the annual preliminary surveys, types of tests used, schedule of tests, information for principals, instructions to research assistants, instructions to teachers, interpretation of test results, glossary of terms, norms for tests, and reference books on measurement.

600 Schutte T H Students estimates of their ability and achievement  
Journal of educational research 20 394-406, December 1929

Compares (1) the students estimates of their mental ability with the ranking revealed by the Otis self-administering tests of mental ability and (2) students estimates of their scholastic achievement with the semester marks awarded by the teacher.

601 Scudder Charles Roland. A critical study of standardized mechanical aptitude tests. Masters thesis 1930 University of Southern California Los Angeles, ms

602. Senour Alfred C Is a non language mental test necessary for indexing pupil intelligence? 1929 Public schools, East Chicago Ind 2 p ms

603 ——— Necessity for the use of a nonlanguage mental test in group intelligence testing 1929 Public schools East Chicago Ind 51 ms

Comparison of IQ's and mental indices of 453 pupils in grade 4 B using Haggerty intelligence test, Beta, and Pintner non language mental test. Findings: It is desirable to use a non language test in a foreign language community because the other does not injure to pupils from foreign language homes.

604 Senour Alfred C The validity of the Detroit first grade intelligence test as a medium for classification of pupils in a multiple track organization 1930 Public schools East Chicago Ind 12 p ms

Test was checked with Detroit advanced first grade test one half year later and with Pintner Cunningham primary test one year later Detroit first grade test was fairly satisfactory instrument for measuring intelligence of 1-B pupils It is serviceable for classification purposes.

605 Shouse, J B Comparative results of different methods of scoring test papers Peabody journal of education 7 201-207 January 1930

The count-of-total performance cumulative or summation value-of-total performance and the value-of-most-difficult-exercise methods of scoring test papers were compared and studied The cumulative or summation method is in most common use Data indicate that the various scoring schemes are capable of being reduced to the cumulative form

606 Smith, Rufus Albert An attempt to measure scientific attitudes Masters thesis 1929 George Peabody college for teachers Nashville Tenn 60 p ms

607 Steckel Minnie L The restandardization of IQs of different tests Journal of educational psychology 21 278-83 April 1930

The article purposes to show that the IQs of several well known tests are not directly comparable and to present a method by which they may be equated so that a direct comparison is possible The records of 1079 children in grades 1-12 in the public schools of Sioux City Iowa were studied.

608 Stoke Stuart M and Lehman Hurvey C Intelligence test scores of social and occupational groups School and society 21 372-77 March 15 1930

Data indicate that intelligence test scores correlate rather loosely with social and economic status great majority of superior children and the great majority of gifted children come from the non-professional classes In the United States the great majority of gifted children come from families that receive rather modest incomes

609 Sullivan Elizabeth T The mental development of 33 10-year old children Journal of juvenile research 14 27-33 January 1930

This study presents the results secured on the Stanford revision of the Binet Simon tests by 33 10-year-old children 20 boys and 13 girls The results obtained show marked individual differences with respect to the degree of maturity in the several phases of their mentality

610 Symonds, Percival M Choice of items for a test on the basis of difficulty Journal of educational psychology 20 481-93 October 1929

The author lays down rules that can guide test makers in the selection of items for a test on the basis of difficulty

611 Tendler A. D A preliminary report on a test for emotional insight Journal of applied psychology 14 122-36 April 1930

Data for this article were secured from emotional insight test blanks of 750 college girls, who had also been given a form of the Woodworth personal data blank Clinically the instrument has been found to be of value as a device for eliciting attitudes trends and significant clues to be followed up by further questioning The test does not suggest a pathological turn so it does not evoke an antagonistic attitude on the part of the subject

612 Thomson Mrs Helen G A study of the significance of Thorndike test results at the University of Hawaii Masters thesis 1930 University of Hawaii Honolulu 72 p ms

613 Thurston L L and Ackerson Luton The mental growth curve for Binet tests Journal of educational psychology 20 569-83 November 1929

The author purposes to apply the method of absolute scaling to a comprehensive set of data over a wide age range so as to draw a mental growth curve with an absolute unit of measurement and to investigate its shape The mental ages of 4208 white children ranging in age from three to 17 years were used as a basis for the study

614 Vincenty Nestor I. International intelligence test (experimental edition) Department of education Santurce Porto Rico 48 p

Preliminary norms available for experimental edition

615 Walston, Amelia W. Analysis of marks and intelligence scores of 408 pupils Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 110 p ms

A study of 408 high school pupils under 19 teachers in Jefferson county high school Tarrant, Ala Findings Low correlation between IQ and achievement scores. Boys excel in IQ scores and girls in achievement.

616 Watt, Reginald R G A comparison of the old and new series of the Thorndike intelligence examination Masters thesis, 1930 University of Southern California, Los Angeles ms

617 Weber, C O An attempt to establish levels of emotional age with adult subjects 1930 Welles college, Aurora N Y

An attempt to construct a test of emotional traits that, like an intelligence test would yield levels of maturity Although fairly reliable emotional age levels were established in 1929 with school children (ages eight to 17), such levels for college men and women have not been established

618 Whitman, Roswell H A short scale for measuring introversion-extroversion Journal of applied psychology, 13 499-504, October 1929

A short rating scale diagnostic of introversion-extroversion was devised based on the Colgate personal inventory, form C-2

619 Witherspoon, Helen A. The picture element in the mare and foal test. Master's thesis 1929 Ohio state university, Columbus 30 p ms

Comparison of actual Piutner's modification of mare and foal test and form of this omitting the picture Given to children 10-14 years old Findings Picture has little to do with performance test is form board and not true picture test, upper limit of usefulness of test is reached at 14

620 Wood, Charles L Correlation of true-false test with Otis general intelligence test [1929?] Upper Darby high school Upper Darby, Pa 30 p ms

621 ——— Investigation of reliability of true false tests [1929?] Upper Darby high school, Upper Darby, Pa 25 p ms

622 Worlton, J T Sigma index score as a standard measuring unit. Elementary school journal 30 354-62, January 1930

The sigma index score is a modification of the standard score It has been used in the Salt Lake City schools since 1924 The author says it has certain advantages which make it invaluable in the evaluation of the measurable outcomes of instruction

623 Yepsen, Lloyd N. Measuring social adaptation Journal of juvenile research 12 254-60, September-December 1929

Gives the results of several of the most recent studies using the Behavior score card.

See also 339, 357, 411, 413, 415, 442-443, 451, 453, 467, 498, 506, 513, 720-721, 1797, 1817, 1989 2232, 2323 2436, 2461, 2465, 2470, 2483-2484, 2486, 2493, 2512, 2514-2515, 2521, 2527, 2542, 2544, 2554, 2578, 3013, 3136 4305, 4386

#### CORRELATION STUDIES

624 Brevier, John M Correlations among certain measures of student ability Journal of educational psychology, 21 319-26, May 1930

625 Crossley, Elizabeth The most efficient method for computing regression coefficients Master's thesis, 1930 Pennsylvania state college State College, Pa 49 p ms

Sets up work sheets for computing regression coefficients by the Doolittle method and also by a new "Completed determinants method" Both these methods were found far more economical than the customary ones. These work sheets will make the regression equation technique available to practically anybody who can compute simple correlations and at a small fraction of the time hitherto required

626 Cureton, Edward E. Computation of correlation coefficients Journal of educational psychology, 20 588-601, November 1929

A method has been devised which by the omission of the scattergram and the use of a calculating machine materially shortens the time required to compute and check a correlation coefficient and its attendant means and standard deviations

627 Cureton Edward E and Dunlap, Jack W A monograph for estimating the reliability of a test in one range of talent when its reliability is known in another range *Journal of educational psychology* 20 537-38 October 1929

628. ———— Spearman's correction for attenuation and its probable error *American journal of psychology*, 42 235-45 April 1930

629 Douglass Earl R. A note on the correctness of certain error formulas University of Minnesota Minneapolis *Journal of educational psychology* 20 434-37 September 1929

The mathematical correctness of the Shen and the Holzenger Clayton formulas for the probable error of Spearman Brown estimates of coefficients of correlation Findings: The Holzenger Clayton formula is based upon an incorrect derivation and by necessity yields value less accurate than the Shen formula

630 Dunlap Hilda Frosh An empirical determination of certain assumptions underlying educational statistics Masters thesis 1930 University of Hawaii Honolulu 52 p ms

Experimental study of validity of assumptions underlying formulae for the mean the standard deviation standard error correlation coefficient etc

631 Dunlap Jack W and Cureton Edward E The correlation corrected for attenuation in one variable and its standard error *American journal of psychology* 14 296-302 June 1930

632 ———— Notes on the standard error of reliability coefficient estimated from the coefficient for a different range of talent *Journal of educational psychology* 20 703-706 December 1929

633 Edgerton Harold A. A table for finding the probable error of  $R$  obtained by use of the Spearman Brown formula ( $n=2$ ) *Journal of applied psychology* 14 296-302 June 1930

634 Huffaker C L Predictive significance of the correlation coefficient. *Journal of educational research* 21 46-48 January 1930

635 Mny Mark A A method for correcting coefficients of correlations for heterogeneity in the data *Journal of educational psychology* 20 417-23 September 1929

636 Mendenhall R. M. and Warren Richard Computing statistical coefficients from punched cards *Journal of educational psychology* 21 53-62 January 1930

The purpose of this article is to give the mathematical aspects of this correlation method, and to indicate the extensions necessary in calculating higher moments and product moments

637 Mendenhall Warren Hollerith correlation method New York N Y Columbia university 1930

A monograph describing methods of calculating correlations from data placed on punched cards A new procedure for obtaining sums of products from cumulative totals is presented

638 Shuttleworth Frank K A note on the arithmetical accuracy of partials involved in multiple  $R$  *Journal of educational psychology* 21 379-80 May 1930

639 Spearman C Response to T Kelley *Journal of educational psychology* 20 561-68 November 1929

The author answers Kelley's criticism in "Crossways in the mind of man" of some of Spearman's writings

640 Tremmel E E and Weidemann C C A machine method of calculating the Pearson correlation coefficient Lincoln Nebr University of Nebraska 1930 15 p (University of Nebraska publication no 72 June 1930)

641 Tryon Robert Choate The interpretation of the correlation coefficient *Psychological review* 36 419-45 September 1929



## EDUCATIONAL TESTS AND MEASUREMENTS

642 Alhambra Calif City schools Department of educational research and guidance Report on Stanford achievement test 1929 4 p ms

643 Anderson, Fred Lawrence A study of the new type tests as given in the fifth grades of Hamilton county Ind December 1928 Master's thesis 1929 Indiana university Bloomington 82 p ms

644 Atkinson, Arthur M Preparation and evaluation of unit tests in educational measurements Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 219-20 November 1930 (Abstract)

645 Calvert, T B Report of study of results of September and January testing in language biology and mathematics 1929 Public schools Muncie Ind 9 p and 16 p (Bulletin nos 23 and 31)

This study covered languages Latin French and Spanish in all grades in high school ninth year biology tenth year geometry Findings Rather low achievement in many sections and high in others The January testing showed progress made

646 ——— Results of May testing in languages biology and mathematics 1930 Public schools Muncie Ind 17 p ms

A study to measure the progress made in the departments of language science and mathematics after a period of remedial instruction following testing in January

647 Carreon Manuel L Semestral tests in secondary subjects 1930 Bureau of education Manila P I

All secondary schools offering first year United States history and government second year geometry third year general history and fourth year English were administered first semester tests in these subjects The school medians were secured

648 Carter Homer L J The use of measurement in evaluating achievement in education classes Teachers college journal 1 170-82 July 1930

The writer has attempted to show (1) the types of tests used by instructors in the field of education (2) the use made of these tests and (3) his attempts to (a) set definite objective goals (b) give the student an opportunity to reach them (c) measure his and their success or failure and (d) interpret results in terms of marks considering other factors than the student's ability to acquire subject matter

649 Cassavant Theodore W (Castleton N Y) Achievement survey of individuals and grades

Stanford achievement tests and Otis group intelligence tests were given This study is a means of checking the teachers' progress with the class It shows where greater emphasis is placed and where more might be placed

650 Chase Vernon E Measuring the results of education in Fordson school district Dearborn Mich Research supplement Annual report 1928-29 Dearborn Mich Fordson board of education 1930 44 p

651 Denver, Colo Public schools Department of research and curriculum How to use preteaching tests. [1930?] ms

Makes definite suggestions for the use of Denver curriculum tests in elementary school reading and language needs and in senior high school grammar for diagnosis of learning needs and outlines certain remedial and teaching procedures to follow diagnosis

652 ——— ——— ——— Reports of city wide curriculum tests given January May September 1929 January February and May 1930 1930 ms

These reports give city norms for the curriculum tests in reading language usage arithmetic and music in elementary schools social science home economics and English in the junior high school and English 10B and 12B world history and American history in senior high school Attempt is made to analyze the meaning of the test data in respect to original and remedial teaching and curriculum construction and revision

653. Dickey, John W. An index of integration. *Journal of educational psychology*, 20: 452-461 December 1929

During the last two weeks of October 1929 1273 school children in living grades three to nine were given battery A form I of the Otis-Lumma achievement test. The total individual scores from all of the tests were used. The integration concept is placed on a quantitative psychological basis which lends itself to statistical treatment.

654. Educational records bureau, New York, N. Y. Testing school achievement in England and America. Report of the results of intelligence and achievement tests given in four English schools compared with records on similar tests of students in American independent secondary schools. May 1929. New York N. Y., Educational records bureau, 1929. 58 p. (Educational records bulletin no. 5)

Results of this study show the equality of the two nationality groups in general ability as measured by the same objective tests, the extraordinary relative youthfulness of the English pupils, the apparent general equality of the two groups in English (except in "mechanics of English" which favors the Americans and in vocabulary in which the English excel), the surprisingly inferior performance in French of the English pupils beyond grade nine (in which grade they test extraordinarily high); the superiority of the English pupils in Latin and their unequal achievements on the two parts of the algebra test, and the diversity of standards and achievement in different English schools.

655. Garrison, S. C. and Rankin, O. L. Effect of familiarity with standardized achievement tests on subsequent scores. *Psychology journal of education* 7: 717-41 March 1920

A school in which no standardized tests had ever been given, in the mountain section of Kentucky, was used for this study. Pupils in the intermediate grades were divided into two groups. Tests were given to one group of children only. After an interval of three weeks both groups were united and given the Otis group intelligence scale advanced examination form A. The second group was given the tests previously given group one. The study shows that there is a decided practice effect in taking tests.

656. Greene, Charles E. The reliability of equating groups on the tests of the Stanford IQ 1929. Public schools, Denver, Colo. 6 p. ms.

Groups were equated in all grades. IQ were compared with other test results. In most groups a satisfactory reliability for the grouping was obtained.

657. Hildreth, Gertrude H. Results of repeated measurement of pupil achievement. *Journal of educational psychology*, 21: 286-96, April 1930

This study reports consecutive tests of school achievement of a group of children at the Lincoln school of Teachers college over a period of seven years. The results indicate that growth in school subject achievement is fairly regular and constant but that when pupils are grouped on the basis of ability the high level children are more rapid learners in spite of more individual attention for slower pupils.

658. Houston, Texas. Independent school district. The report of group test results and the use of the standard deviation of the difference to determine the significance of the variations between classes. 1930. 22 p. ms. (Research bulletin, no. 8107)

659. ———. Report of test results in the curriculum and check schools for the school year 1929-1930. 1930. 20 p. ms. (Research bulletin no. 5110)

This test report records existing conditions concomitant with the setting up of the curriculum schools. Contains information on the effect on oral reading skill of special emphasis on silent reading and the effect of the increase in the amount of reading etc.

660. Hughes W. Hardin and MacPherson, Margaret V. Educational accomplishment as indicated by tests and measurements. Pasadena Calif., Public schools 1929. 55 p. (Administrative research series, 1929. Monograph no. 3)

Illustrated by a number of charts and tables showing enrollments, overage and age-grade distribution, distribution of abilities, trait ratings etc.

661 Indiana university Conference on educational measurements Seven  
teenth annual conference on educational measurements held at Indiana univer  
sity April 18 and 19 1930 Bloomington Bureau of cooperative research  
Indiana university 1930 103 p (Bulletin of the School of education Indiana  
university vol 6 no 5 May 1930)

Contains 1 J Z A. McCaughan A comparison of the accomplishment of two groups  
of pupils in the Bloomington Ind high school in second semester algebra, p 5-9  
2 W W Patty Developing standards for and measuring results of administrative activi  
ties in high school p 10-22 3 G T Buswell Types of diagnostic studies in arithmetic,  
p 23-25 4 G T Buswell The growth of concepts of technical terms in arithmetic  
p 26-29 5 Clifford Woody Some investigations resulting from the testing program  
in arithmetic, p 30-49 6 Carl G F Franzen Enrollment by subjects in North central  
association high schools in Indiana the first semester 1929-1930 p 64-72 " H H  
Remmers Are our secondary schools improving? p 73-84 8 Clifford Woody Diag  
nostic and remedial instruction in reading factors conditioning the reading process  
p 85-101

662 Jeffery A. L. Conditions that accompany high or low standing on gen  
eral information test. Master's thesis, 1930 Pennsylvania state college State  
College 62 p ms

A study based on tests of 132 pupils and questionnaire and home visits to them and to  
their parents

663 Jensen Gerald LeRoy The construction and evaluation of an objec  
tive test covering certain problems in secondary education. Master's thesis  
1930 University of Oregon Eugene 119 p ms.

664 Jones J W A tentative outline of a survey of Pathe county Ind.  
1930 Indiana state teachers college Terre Haute 3 p ms.

Proposes a scheme for testing all children in all schools of the county

665 Jones Vernon and Crook, Mason Educational tests Offprinted from  
the Psychological bulletin vol 27 no 6 June 1930 p 458-84.

Bibliography p 4 -84

A review of the literature in the field of measurement work.

666 Kemmerer W W and Aaron Sadie Differences in achievement and  
ability of pupils entering the lower half of a grade in the fall semester and in the  
spring semester of the school year 1929-1930 1930 Independent school dis  
trict Houston Texas.

667 ——— Interpreting test results to determine the significance of  
the variations between classes and the relation between achievement and ability  
within each class 1930 Independent school district Houston Texas 22 p ms

668. Kinder J S and Odell Charles W Educational tests for use in insti  
tutions of higher learning Urbana University of Illinois, 1930 85 p (Uni  
versity of Illinois bulletin vol 27 no 49 August 5 1930 Educational research  
circular no 55)

Contains an annotated list of tests recommended for use in institutions of higher  
learning and a selected and annotated bibliography of 371 references

669 McAnulty Ellen and Fuller Florence Intercorrelations between a  
series of eight five-week tests 1930 Public schools Los Angeles Calif

670 Madsen L. N Educational measurement in the elementary grades  
Yonkers N Y World book company 1930 291 p

Treats of intelligence and achievement tests applicable in the elementary grades and  
of statistical methods useful to these grades Includes a discussion of the new type exami  
nation as a substitute for the essay examination

671. Manalac G R Comparative achievement of different divisions in  
grades three and four Manila P I Bureau of education 1930 9 p

Table 1 shows the median composite scores and the corresponding standard deviation equiva  
lents for the rural and vocational schools in 1929 on the Illinois educational achieve  
ment tests series A, B and C, former Table 2 presents the comparative achievement

in grades three and four of the rural (barrio) primary schools in 46 divisions tested, in the rural vocational survey conducted by the General office during the July-December 1929 period

672 Mather, Irving A. Validity of Sones Harry achievement test, form A for use in Oregon Master's thesis, 1930 University of Oregon, Eugene

An analysis of 259 cmen in Lane county Oreg., analyzing textbooks state course of study difficulty of items, teachers marks and partial and multiple correlation Findings Test is most valid and suitable of its character in the market at the present time for use in Oregon schools.

673 Meredith, Laura Marie . A study of the reliability of the new Stanford achievement test. Master's thesis, 1930 University of California, Berkeley 22 p ms

The uses to which standard education tests may be justly put depends greatly upon their reliability This investigation was planned to determine the reliabilities of the tests comprising the recently published forms V and W, of the new Stanford achievement test. Findings (1) Either form V or W, of the new Stanford achievement test, complete, is sufficiently reliable for individual placement and prognosis. (2) separate tests should not be used for individual placement, with the exception of total reading total arithmetic, dictation and geography scores The latter should not be used in the fourth grade. (3) of all grades the fourth is the one in which the separate tests may be expected to function least satisfactorily, although the reliability of the test as a whole is such that it may be used for individual placement, (4) the lack of sufficiently specific directions for administering the tests is a factor which tends to lower the reliability of several of the tests, and (5) the high correlation between the raw and derived scores are, for practical purposes as reliable as the new

674 Messer, Harold C An evaluation of a modified multiple-choice testing technique Master's thesis, 1930 University of Iowa, Iowa City 51 p ms

675 Moody, George Fallows The administration of a testing program in an elementary school Master's thesis, 1930 Boston university, Boston, Mass ms

676 Morley, Clyde A. The reliability of the achievement quotient. Journal of educational psychology, 21 351-60, May 1930

Gives the results of a study undertaken to determine the degree of reliability required of educational tests and intelligence tests to secure achievement quotients sufficiently reliable for practical purposes, to identify other factors affecting the reliability of the achievement quotient, and to recognize conditions to be met before the achievement quotient can be used satisfactorily

677 Odell, C W Educational tests for use in high schools, third division Urbana, University of Illinois, 1929 50 p (University of Illinois, Bureau of educational research Bulletin, no 53)

This study includes brief descriptions of all tests recommended for use in high school.

678. Ohio Wesleyan university. Class in educational measurements A mental and educational survey of the Ashley Ohio, public school 1930 Ohio Wesleyan university, Delaware ms

Group mental and educational tests were given to all children The results were used to check and improve certain teaching procedures and as an aid to the study of individual problems of students.

679 Palmer, Anthony Ray Variability of the mental functions and its effect upon school achievement Doctor's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27 134-40, November 1930 (Abstract)

680 Patterson, M. Rose Annual report on testing program in secondary schools for 1929-1930 1929-1930 Public schools, Baltimore, Md 215 p, 108 p. ms

681. ——— Report on the September testing program in secondary schools 1929 Public schools, Baltimore, Md 65 p ms

Report on the results of tests to incoming junior high and senior high pupils in white and colored schools as measured by standardized group tests in intelligence, reading, and arithmetic.

682 Philippine Islands Bureau of education Comparative achievement of different divisions in grades 3 4, and 7 1929 Manila, P I 9 p ms 2 p.

Forty nine divisions and one insular school were covered in the survey third fourth and seventh grades elementary (central) and first and fourth years secondary (academic-normal) Findings The time of testing affects to a certain extent the median scores of schools especially in the primary grades The relative ranks of these divisions and the schools in terms of month below or above the normal achievement were secured

683 Pittsburgh, Pa Public schools. Department of curriculum study and research Stanford achievement test to all pupils belonging to the Carnegie study 1930

684 Port Arthur, Texas Independent school district Results of Otis S A test higher examination in senior high school 1930 10 p ms

Chronological age mental age and intelligence quotient in terms of medians for each half grade are given

685 Buch, G M Specific determiners which invalidate objective tests Los Angeles educational research bulletin 10 2-4 12 April 1930

Discussion based on I H Brinkemeiers Study in the technique of constructing objective examinations It is divided as follows word length as a specific determiner circumstantiality as a specific determiner specific words and phrases as determiners In preparing tests the writer believes that crucial issues should not be evaded but an attempt should be made to neutralize the effect of specific determiners by seeing that cue word occurs equally often in true statements and in false ones.

686 Sangren, Paul V Information tests for young children Childhood education, 6 70-77 October 1929

687 Santa Monica, Calif City schools Department of research General achievement survey 1930 33 p ms

The survey conducted near the end of the second semester of the current school year followed a policy relating to periodic testing through the grades. The following tests were used Monroe silent reading test grades 3-B to 7-B inclusive, Woody McCall arithmetic test grades 3-B to 7-B inclusive Morrison McCall spelling scale grades 3-A to 7-B inclusive. Distribution tables were prepared showing score and grade placements for all subjects The general showing on the survey was favorable In silent reading all grades exceeded the expected grade placement. In arithmetic all grades reached or exceeded the norms In spelling all grades were below the norms

688 ————— New Stanford achievement survey 1930 11 p ms

This survey was given at the close of the first semester The findings of the survey were favorable as indicated by the fact that the medians of most grades exceed the norms

689 ————— End semester tests given in the junior high schools 1930 8 p ms

Contains reports of tests in algebra biology history and Latin

690 ————— End semester tests given in the senior high school 1930 10 p ms

Contains reports of tests in biology geometry history, and Latin

691 Shivers, H G The use of standardized tests in the improvement of instruction in five rural schools Masters thesis, 1929 Southern Methodist University, Dallas Texas 106 p ms.

Findings The increase in number of words read per minute in silent reading in the experiment schools was 346 and in the control schools was 7 In the fundamental operations of arithmetic the experiment schools made a mean increase of 33 while the control schools only made a mean increase of 36

692 Smith, Harry P Achievement of 3<sup>d</sup> and 6<sup>th</sup> grades. 1929 Public schools Syracuse, N Y 60 p ms

Analyzes achievements of children in 3<sup>d</sup> and 6<sup>th</sup> grades. Recommends new plans of classification Suggests homogeneous grouping adjustment classes modification of curriculum and individualization of instruction

603 Sones W W D and Harry David P jr Sones Harry high school achievement test, Yonkers-on Hudson N Y World book company, 1929 6 pamphlets

The test covers in four separate parts language and literature mathematics, natural science and social studies The range of difficulty is sufficient for its use in all years of high school with college freshmen and with practice teachers in normal schools and teachers colleges

604. Stenquist, John L. and others Major problems revealed for secondary schools as a whole based on testing program in secondary schools for the year 1928-1929 1929 Public schools Baltimore Md 17 p ms

A study of the wide variations revealed in high school test results

605 ——— Semi annual instructional survey—city wide tests results for all classes as of September 1929 All elementary schools, white and colored. Baltimore Md, Public schools 1929 222 p

606 ——— Semi annual instructional survey of city wide test results for all classes as of February 1930 all elementary schools white and colored 1930 Public schools Baltimore Md 70 p ms.

Report on results of primary and intermediate tests of white and colored schools

607 Thompson K. L Report of standard tests and state tests in Jersey City 1929 Public schools Jersey City N J 37 p ms

A study of actual performance in state tests as compared with results of intelligence tests A reasonable degree of correlation was found

608 Wells F L Effects of instruction on test performance Pedagogical seminary and Journal of genetic psychology 37 314-17 June 1930

This article describes a laboratory study of 10 subjects seven women and three men who were given a series of tests They were given the same problems about a week later after as complete coaching as it was practicable to put into language or demonstrational form Except in the ingenuity problems the coaching was not accompanied by as much improvement as takes place without it

609 Williams Dewitt Everett. Some achievement studies of some Florida county training school pupils. Masters thesis 1929 George Peabody college for teachers Nashville Tenn 86 p ms

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## EDUCATIONAL RESEARCH

700 Burr Samuel Engle Fifth and sixth semiannual reports of the Research department January 1929 to June 1930 1930 Public schools Lynn Mass 37 p 21 p ms (Research bulletin nos 11 and 15)

701. Colorado University Abstracts of theses for higher degrees 1930 Boulder University of Colorado 1930 p 43-118 (University of Colorado studies vol 18 no 2, 1930)

702 Engelhardt, Fred and Otto Henry J Masters and doctors theses in education University of Minnesota 1912 1928 Minneapolis University of Minnesota press 1929 32 p

703 Franke Paul R. Changing tendencies in educational research. Masters thesis 1930 University of Colorado Boulder University of Colorado studies 18 60-61 December 1930 (Abstract)

704 Good Carter V Research in secondary school methods Journal of educational research 22 9-30 June 1930

An analysis of the literature in the field of secondary method covering problems of teaching procedure in grades 7 to 12 inclusive

717 Newburgh N Y Public schools Department of research. Research annual report July 1930 10 p ms (J L Thompson director)

718 Noble M C S Jr Current reports on activity programs projects research studies etc in North Carolina 1930 State department of education Raleigh N C 63 p ms

719 Pittsburgh University Graduate school abstracts of theses researches in progress and bibliography of publications Pittsburgh Pa 1930 463 p (University of Pittsburgh bulletin vol 27 no 3 1930)

720 Reading Pa School district Department of research. First annual report for the year ending June 30 1929 66 p

This report contains sections on intelligence testing in elementary schools junior high schools, and senior high schools achievement testing a diagnostic study of English composition and promotion rates.

721 San Francisco Calif Public schools. Department of educational research and service A summary of activities 1928-1929 1929 22 p ms. (Bulletin no 5)

Deals with tests and measurements pupil classification curriculum revision school building problems administrative research attendance statistics questionnaires etc

722 Sangren Paul V Participation of classroom teacher in educational research Educational administration and supervision 15 593-601 November 1929

723 Santa Monica Calif Public schools Department of research Report of research work for the year 1929-1930 ms

724 Terman Earl L The development and application of national educational survey techniques Doctor's thesis 1929 New York university New York N Y

725 Touton Frank C Research activities in California school departments California quarterly of secondary education 5 5-36 October 1929

A summary of the research studies in progress in cities of California bearing upon secondary education

726 Waples Douglas and Tyler Ralph W Research methods and teachers problems. A manual for systematic studies of classroom procedure New York The Macmillan company 1930 63 p

The purpose of this text is to facilitate systematic studies of classroom problems, or service studies, as distinguished from research studies. Methods of research which are applicable to service studies are selected, and other methods needed to supplement these research methods are developed in order that teachers may study and solve some of the classroom problems by other than rigorous methods of research

727 Wright Edwin A Bibliography of research studies in education 1929 1928 Washington D C U S Government printing office 1930 223 p (U S Office of education Bulletin 1929 no 36)

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## SPECIAL SUBJECTS OF CURRICULUM

### READING

728 Adams Waldo L Achievement in reading in rural schools. Masters thesis 1930 University of Chicago Chicago Ill 94 p ms

Includes results from 3600 pupils tested five times during a two year period. Conclusions: Pupils in lower grades gain during summer vacation and maintain it in upper grades. Pupils in one-room schools do much poorer than pupils in consolidated schools. Ninety non-promoted pupils did not increase significantly during the second year in a grade

conscious of the specific abilities necessary for good oral reading and their ambition was aroused to improve. The average number of errors per pupil was reduced 50 per cent in the sixth grade. The largest percentages of improvement are found in the grades which vary most from the standards.

739 Carrington, Evelyn Maurice. Peripheral vision in the silent reading of children. Doctor's thesis, 1930. University of Texas, Austin.

740 Carroll, Robert P. and Jacobs, Charles C. Drill in silent reading for college freshmen. School and society, 20. 656-58. November 9, 1929.

A study was made of the rate and relative amount of improvement that college students make as a result of drill in silent reading during summer school at Syracuse university. The students and a control group of a number of teachers and graduate students took the tests which covered selections from textbooks used in freshman courses in botany, English, history and zoology. The drill group showed a rather constant daily improvement in speed of reading and the average gain of this group was 2.8 times as great as that of the control group. Specific drill rendered the group more homogeneous in reading ability.

741 Carter, Homer L. J. Disabilities in reading. In Michigan schoolmasters club Journal 1930. p. 226-31. (University of Michigan official publication vol. 32, no. 8 July 26, 1930).

This study presents results of an attempt to make a diagnosis and provide remedial instruction in reading for both an individual and a group of children. At the end of 12 weeks of instruction the individual had made a gain of one year and five months in reading ability and the average gain for the group was one year and six months.

742 Case, Emma Young. Value of circulars in supervising the teaching of reading. Master's thesis 1930. George Leabody college for teachers, Nashville, Tenn. 64 p. ms.

A study of two counties in Kentucky including 26 schools and 139 pupils in experimental group and 17 schools and 116 pupils in control group. All sixth grade teachers and pupils were used. The results were treated statistically and indicated that silent reading abilities of pupils could be improved by furnishing teachers instructions in the form of circular letters.

743 Chamness, A. H. Improvement of reading in high school. Master's thesis 1929. Southern Methodist university, Dallas, Texas. 74 p. ms.

An experiment with the aid of standardized educational tests to determine whether the reading ability of high school pupils can be materially improved by the application of certain definite remedial measures of instruction. Findings: Pupils given remedial instruction showed much more improvement than those taught in the ordinary way. Pupils who showed no improvement were found with low IQ.

744 Chomsky, Joseph. Comparison of 'Bolenius' and Progressive road to reading methods of teaching reading in the first grade. Master's thesis 1930. College of the City of New York, New York, N. Y. 39 p. ms.

Experimentation with only approximately equivalent groups in the first year. Eight primary reading tests were administered.

745 Clewell, Letha M. A study in correlations of certain standardized reading and mental tests. Master's thesis 1929. University of Kansas, Lawrence.

746 Clowes, Helen Coe. A reading clinic. Educational research bulletin (Ohio state university) 9. 261-68. May 14, 1930.

Tells of the work of the reading clinic established in 1929 at the School of Education of Western Reserve university.

747 Connolly, Sabina H. The reading vocabulary of high school students. Master's thesis 1930. Yale university, New Haven, Conn.

748 Cornell, Ethel Letitia. A beginning reading vocabulary for foreign born adults with special reference to those who can not read in any language. Albany University of the State of New York press 1930. 24 p. (University of the State of New York bulletin no. 948. May 15, 1930).



729 Beatty, C Evelyn The relative effectiveness of two different methods of word-drill Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 71 p ms

An experimental study using 12 groups of children in the second third and fourth grades to determine the relative value of having a word-drill follow rather than precede the first reading of a reading lesson The results of the investigation show that the experimental group given the word drill following the reading made a pronounced gain in speed and paragraph meaning throughout the three grades The word meaning achievement was slightly in favor of the control group

730 Behrens Herman D The value of remedial reading for college freshman man Master's thesis 1930 Ohio state university Columbus 106 p ms

To determine the value of remedial reading 139 trained students of the freshman class at the Ohio state university were followed through two quarters of academic work, and their point hour ratios were secured Results were then compared with results of 213 students of the same intelligence who did not receive the training Conclusions (1) College freshmen of low initial ability are trainable (2) college freshmen who are trained show a rise in academic marks equal to one-twelfth of the total possible range from absolute failure to outstanding success and one-half the actual range shown by the majority of college students (3) college freshmen enter with inadequate preparation showing the need of remedial projects in high school or at a lower level and (4) college students can teach and drill themselves in such a way as to make individual instruction possible

731 Bennett, Annette Reading ability in special classes. Journal of educational research 20 236-38 October 1929

Taking into consideration the variations in teaching ability and making allowance for miscellaneous factors the data here presented seem to indicate that in the primary special classes at least the reading age closely approximates the mental age level

732 Blom E C and others Reading in the primary grades, or primary reading study November 1929-May 1930 1930 Public schools Louisville Ky 40 p ms

Diagnostic and remedial work in reading for grades 2A-3B and 3A-4B

733 Book, William F The development of higher orders of perceptual habits in reading Journal of educational research 21 161-76 March 1930

The purpose of this article is to show how printed words are discerned and recognized at different levels of reading skill and how a learner must proceed to attain the highest form of perceptual skill that is used by most skillful silent readers today

734 ——— Various methods of mastering new words while learning to read Journal of educational research 21 81-94 February 1930

735 Brady, Anna Marie A qualitative and quantitative evaluation of ten primers Master's thesis 1930 College of the City of New York New York N Y 24 p ms

Commonly used primers were evaluated on the basis of criteria involving approved psychological and pedagogical principles.

736 Branch, Helen M Investigation concerning the ways supervisors help the teacher of elementary reading Master's thesis 1929 Northwestern university Evanston Ill

737 Bullington John Robert Investigations of reading in high school Master's thesis 1929 George Peabody college for teachers Nashville Tenn 181 p ms

738 Camp Cordelia and Allen, C H How oral reading was improved through the use of Gray's check tests Elementary school journal 40 132-35 October 1929

Tests were given to 170 pupils in eight major factors in oral reading ability in grades two through seven Tests showed that the difficulty in all grades was primarily word recognition and pronunciation Syllabication and phonetics were emphasized during spelling or word-drill period Oral reading was motivated by providing audience situations Materials suitable for oral reading were carefully chosen Pupils were made

conscious of the specific abilities necessary for good oral reading and their ambition was aroused to improve. The average number of errors per pupil was reduced 50 per cent in the sixth grade. The largest percentages of improvement are found in the grades which vary most from the standards.

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conscious of the specific abilities necessary for good oral reading and their ambition was aroused to improve. The average number of errors per pupil was reduced 50 per cent in the sixth grade. The largest percentages of improvement are found in the grades which vary most from the standards.

739 Carrington, Evelyn Maurice. Peripheral vision in the silent reading of children. Doctor's thesis 1930. University of Texas Austin.

740 Carroll Robert P. and Jacobs, Charles C. Drill in silent reading for college freshmen. School and society, 30 6:6-58 November 9 1929.

A study was made of the rate and relative amount of improvement that college students make as a result of drill in silent reading during summer school at Syracuse university. The students and a control group of a number of teachers and graduate students took the tests which covered selections from textbooks used in freshman courses in botany, English, history and zoology. The drill group showed a rather constant daily improvement in speed of reading and the average gain of this group was 2.8 times as great as that of the control group. Specific drill rendered the group more homogeneous in reading ability.

741 Carter Homer L. J. Disabilities in reading. In Michigan schoolmasters club Journal 1930 p 226-31. (University of Michigan official publication vol 32, no 8 July 26, 1930).

This study presents results of an attempt to make a diagnosis and provide remedial instruction in reading for both an individual and a group of children. At the end of 12 weeks of instruction the individual had made a gain of one year and five months in reading ability and the average gain for the group was one year and six months.

742 Case, Emma Young. Value of circulars in supervising the teaching of reading. Master's thesis 1930. George Peabody college for teachers Nashville Tenn. 64 p ms.

A study of two counties in Kentucky including 76 schools and 138 pupils in experimental group and 17 schools and 116 pupils in control group. All sixth grade teachers and pupils were used. The results were treated statistically and indicated that silent reading abilities of pupils could be improved by furnishing teachers instructions in the form of circular letters.

743 Chamness A. H. Improvement of reading in high school. Master's thesis 1929. Southern Methodist university Dallas Texas. 74 p ms.

An experiment with the aid of standardized educational tests to determine whether the reading ability of high school pupils can be materially improved by the application of certain definite remedial measures of instruction. Findings: Pupils given remedial instruction showed much more improvement than those taught in the ordinary way. Pupils who showed no improvement were found with low IQ.

744 Chomsky Joseph. Comparison of Bolentus and Progressive road to reading, methods of teaching reading in the first grade. Master's thesis 1930. College of the City of New York, New York N. Y. 39 p ms.

Experimentation with only approximately equivalent groups in the first year. Eight primary reading tests were administered.

745 Clewell Letha M. A study in correlations of certain standardized reading and mental tests. Master's thesis 1929. University of Kansas Lawrence.

746 Clowes Helen Coe. A reading clinic. Educational research bulletin (Ohio state university) 9 261-68 May 14 1930.

Tells of the work of the reading clinic established in 1929 at the School of education of Western Reserve university.

747 Connolly, Sabina H. The reading vocabulary of high school students. Master's thesis 1930. Yale university New Haven Conn.

748 Cornell, Ethel Letitia. A beginning reading vocabulary for foreign born adults with special reference to those who can not read in any language. Albany University of the State of New York press 1930. 24 p. (University of the State of New York bulletin no 948 May 17 1930).

\*49. Decker, William Frederick The significance of the relation between silent reading ability and skill in problem solving Masters thesis 1929 Southern Methodist university Dallas Texas 83 p ms

An investigation of silent reading as a tool subject Findings Reading is the chief fool in study poor reading ability sets as a deplorable handicap in problem solving and is the chief cause of failures the improvement of reading ability reduces failure It is a part of the ability to solve problems

\*50 Deputy, Erby Chester Predicting first grade reading achievement a study in reading readiness Doctors thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 61 p (Contributions to education no 426)

The purpose of the investigation was to develop a test that can be used instead of or in connection with a test of intelligence in order to determine those pupils who have the ability necessary to be successful in the first semester of first grade reading About 170 children who entered the first semester of the first grade in a public school in New York City served as subjects for this investigation Findings The investigation shows the possibilities of predicting first grade reading achievement to an extent which justifies its use in beginning reading Data indicate that first semester reading achievement can be measured by means of objective tests instead of depending entirely upon the ratings of teachers and supervisors for measures of progress in reading during the first semester

751 Douglas, Josephine and Lawson J W Measurement of reading skills in ability groups Journal of applied psychology 13 494-98 October 1929

Standardized reading tests were given to three groups of children in grade 7 A in the Woodrow Wilson junior high school San Diego Calif Data indicate that there are possibilities for developing silent reading tests which are superior to those we now have

752 Dove Claude C A study of two special types of pupil response as measures of reading comprehension Masters thesis 1930 University of Cincinnati Cincinnati Ohio

One thousand and twenty pupils in grades 3 to 12 inclusive in six schools of Mingo county W Va were selected for the study Intelligence scores (Otis tests) teachers marks in reading and English and reading scores on the Shank comprehension tests of paragraph reading were used in order to evaluate first the ability to predict outcomes from given events and second, the ability to organize thoughts into logical order Conclusions (1) The ability to predict outcomes from given events as this ability is measured by the Oster silent reading test type B is a fair measure of reading comprehension This ability is perhaps a better measure of reading comprehension in grades 6-8 than in the lower grades (2) the ability to organize thoughts into logical order as this ability is measured by the Witham silent reading test no 2 is a fair measure of reading comprehension in grades 10-12 a poor measure in grades 7-9 and practically no measure in grades 5-6

753 Dowell Pattie An analysis of the reading interest of third grade children Masters thesis 1930 North Carolina state college of agriculture and engineering Raleigh

Shows the literary ideal rather than the interest of the student as the dominant aim in the selection of most materials for the approved reading texts for the third grade Children of widely different social groups show little or no difference in their interests Stories much liked by third grade children have a variety of elements in interest Kindness and bravery were found to be the most popular interest elements

754 Durrell Donald Dewitt. Reading disability in the intermediate grades Doctors thesis 1930 Harvard university Cambridge Mass 243 p ms

A comparison was made between the reading age and the Stanford Binet mental age of all children in the Harvard growth study who had entered the first grade at the same time Fifteen per cent of the 1130 children examined were to be classed as retarded readers Twenty per cent of the boys were retarded as compared with 10 per cent of the girls An outline of the steps necessary to acquire efficient habits of silent reading are given A test battery was used as a basis for analysis of the reading of 52 children 26 were retarded readers and 26 were normal readers who were paired with the retarded readers in respect to age sex race mental age and intelligence quotient The difference between the two groups was greater in oral reading than in silent reading. Conclusions It is possible to outline remedial measures for the different inade

quacies found by the use of diagnostic tests of reading Further research should provide tests of intelligence less influenced by reading a better understanding of the causes of reading disability, a unified battery of tests for reading diagnosis, and remedial and preventive measures for use in the classroom

755 Eckert, Dana Z. Report of remedial reading classes Herron Hill junior high school. Pittsburgh schools, 4 223-26, May-June 1930

756 Elliott, Arthur E. An objective determination of the most economical and effective arrangement of 17 reading primers Master's thesis 1930 University of Kansas, Lawrence

757 Elsea, Matilda Mahaffey Comparative content study of three groups of fourth grade reading textbooks Master's thesis, 1930 George Penbody college for teachers, Nashville, Tenn 74 p ms

A study of 27 fourth grade reading textbooks, seven published before 1890, ten between 1890-1913 inclusive, ten in 1929

758 Felicitas, Sister The relation of mental age to change in certain specific types of reading ability over the summer vacation Master's thesis 1929 University of Notre Dame, Notre Dame, Ind

759 Fields, Kathleen C. The difficulty of the fairy story vocabulary Master's thesis, 1930 University of Iowa, Iowa City 61 p ms

760 Fildes, Raymond Earl. Specific objectives and pupil activities in reading as revealed by analyses of courses of study Master's thesis, 1930. University of Chicago, Chicago, Ill.

761 Flemming, Cecile White A program for the improvement of instruction in reading in the junior and senior high school, for Hopewell, Va 1930 College of William and Mary, Williamsharg, Va 53 p ms

A report prepared under the direction of C W Flemming by supervisors of teachers of the Hopewell schools under the auspices of the School of education College of William and Mary It is based upon the analyzed results of a 1929-1930 survey of instruction and presents a detailed consideration of methods of improving comprehension and rate in reading including a large and varied amount of practical procedures for training children in the reading and study skills Particular emphasis is given to the development of reading skills fundamental to effective study in the junior and senior high school A chapter is also devoted to the consideration of the function of the assignment in directing study with illustrations of the so-called unit type of assignment A selected bibliography on reading and study is also a part of the report.

762 Foulks, Frank Marshall A study of the conditions of reading in the A L Cuesta public schools of Tampa, Fla Master's thesis, 1929 University of Florida, Gainesville

763 French, Helen A. An experiment in adult reading in the University of Pittsburgh 1930 University of Pittsburgh, Pittsburgh, Pa

764 ——— and Jones, Walter B. Adult reading experiments. University of Pittsburgh, Pittsburgh, Pa

765 Gardner, Elizabeth M. Evaluation of improvement of instruction in reading comprehension in grades 3-7, in the elementary school Master's thesis 1930 University of Southern California, Los Angeles ms

766 Gates, Arthur I. Interest and ability in reading New York, Macmillan company, 1930 264 p.

This book contains reports of more than 30 specific investigations of problems relating to instruction in reading

767 ——— and Peardon, C. C. Practice exercises in reading for grade 3 types A-D New York city, Teachers college, Columbia university, 1930 4 vols. ea 62 p, Manual of directions, 21 p

768 Gifford Celia Allen. An evaluation of six primary reading tests. Master's thesis 1929. University of California Berkeley. 42 p. ms.

Williams primary test was found to be the best test for grades 1. Haggerty reading examination sigma 1 for grade 2 and Stanford achievement primary examination for grade 3.

769 Goldsmith Sadie. The scope of the fairy tale in primary education. Master's thesis 1930. New York university New York N. Y. 155 p. ms.

The study considers the factors of interest in primary education, the values of fairy tales to children. Findings: The fairy tale is valuable to the child because it has the power of fulfilling the child's varied needs and interests. It places extensive possibilities in the hands of the teacher and it holds a high place in the realm of literary art. Therefore it is justified in commanding an increasingly important position in the curriculum of the public school.

770 Gray Clarence Truman. Relation of consonant sounds to the difficulty of reading material. 1930. University of Texas, Austin.

771 Gray, William Scott. Summary of reading investigations (July 1 1928 to June 30 1929). Elementary school journal 30 450-66 February 1930 496-508 March 1930.

Part 1 lists 113 studies alphabetically by author. In this list are included a few studies published before July 1 1928. The first section of the second article considers the problems studied at various levels from the first grade to the university and also refers to studies relating to the reading interests and habits of adults. In the second section many of the more important studies are classified according to the types of problems to which they refer. Significant findings and conclusions are presented where space permits.

772 Greene Harry A. A remedial program for high school silent reading. Iowa City University of Iowa 1930. (Extension bulletin no 240 March 16 1930.)

773 Hall Mary Louise. Improvement in speed and comprehension in reading of a group of retarded children in University high school 1930. West Virginia university Morgantown.

774 Hamilton Nellie. Curriculum adjustment to pupil ability in the first grade with special reference to immature groups. Master's thesis 1930. University of California Berkeley. 77 p. ms.

A study to discover what standards in reading could reasonably be expected of the average first-grade child and to ascertain the weaknesses in the first-grade work in Fresno. Findings: Too many children with high mental ages are failing to reach the standard. Shows need for more careful diagnostic work with individuals.

775 Hamm Sue Fearnough. A critical analysis of the contents of the McGuffey readers. Master's thesis 1930. George Peabody college for teachers Nashville Tenn. 174 p. ms.

The purpose of the study was to show the nature of the material in the seven books of the series. Findings: (1) The McGuffey series is progressive, that is, the material is graded. (2) the spelling lessons grow out of the reading lesson. (3) since the books are a series designed as a medium through which reading as an art is to be taught, rules for reading are given throughout the series, and (4) the series belongs to the period in textbook history which stressed the fact that education to be effective must teach religion and morals directly.

776 Harris, John Francis. The influence of extensive reading upon the improvement of reading ability. Master's thesis 1930. University of Chicago Chicago Ill. 95 p. ms.

In this investigation 150 pupils in the sixth grade were used. Control group read an average of nine books; experimental group read an average of 21 books. Conclusions: Experimental group showed greater gain in general reading ability rate and in growth in vocabulary.

777 Heard, Minnie Taylor. An experimental study of the value of phonetic. Master's thesis, 1927. George Peabody college for teachers Nashville, Tenn. 66 p. ms.

778 Henry, Sibyl. A study of second grade readings: suggestions for curriculum essentials and activities. Master's thesis, 1930. Duke university, Durham, N C

The purpose of this study is to present to the second grade teachers of the State an outline of a course of study in reading that is based on the textbooks adopted recently. The work is intended to be of help in the production of a new State course of study in reading.

779 Horrall, A. H. Building grouping of reading groups in intermediate grades. 1930. San Jose school department, San Jose, Calif. ms

Two hundred fifth and sixth grade pupils grouped according to reading scores on Stanford achievement tests were matched against 200 of similar chronological age and reading ability. They were also checked against control group of 200 miscellaneous fifth and sixth graders.

780 Hovde, Howard T. The relative effects of size of type, leading and context. *Journal of applied psychology*, 13: 600-29, December, 1929; 14: 63-73, February 1930.

An experiment, divided into two parts, was conducted in an effort to determine the relative legibility of intertype ideal news face type set under standard newspaper publishing conditions with changes in size and leading. Part 1 records the direct measurement of the reading rate of 300 adults, part 2 describes the readers' preferences and opinions of the legibility of the type setting.

781 Howard, Virgie Marie. Relationships among intelligence, reading and spelling. Master's thesis, 1930. University of Chicago, Chicago, Ill.

782 Hulsether, Edwin A. A study of the effect on silent reading ability of emphasizing comprehension as contrasted with the effect of emphasizing rate. Master's thesis, 1929. University of North Dakota, Grand Forks. 58 p. ms. (Reviewed in *School of education record* 15: 63-69, November 1929.)

Two groups of children 20 in each group were studied. Findings: Training in rate gave superior results in both rate and comprehension.

783 Hunn, Fannie Cornelia. Growth in silent reading ability in rural schools. Master's thesis, 1929. University of Minnesota, Minneapolis.

784. Indiana. Department of public instruction. Chart of expected outcomes in reading, writing and spelling, grades K-8. 1930. Indianapolis.

785 ———. Vocabulary development and reading seatwork exercises for the elementary grades. Indianapolis, 1929. 156 p. (Bulletin no 107A-3.)

\*These materials have been worked out by classroom teachers. The educational principles upon which the materials are based have been given careful attention. In practice, the exercises described have proved to bring the pupils success in learning.

786 Irmia, Sister M. An evaluation of the vocabulary content of twelve series of primary readers. Washington, D. C. Catholic education press, 1929. 52 p. (Catholic university of America. Educational research bulletins vol. 1 no. 7, September 1929.)

This is a critical analysis of the vocabulary content of the primary readers commonly used in Catholic schools in order to see how closely the quality of the vocabulary agrees with the Gates vocabulary list.

787 Jacobs, Charles C. An experiment in silent reading for college freshmen. Master's thesis, 1929. Syracuse university, Syracuse, N Y.

788 Jacobson, P. B. and Van Dusen, E. C. Remedial instruction in reading in the ninth grade. *School review*, 38: 142-46, February 1930.

The freshman class of 150 pupils in the Little Falls (Minn.) high school was tested by means of the Iowa high school silent reading test. It was found that there was a serious deficiency in reading ability in these pupils. The English classes were selected to carry on a remedial program. Three types of material were selected for remedial work. Progress charts were posted, reading material displayed and the importance of reading ability stressed. When the 102 pupils who were left of the original 122



deficient in reading were reteated in May 1929 by means of the Iowa reading test the median reading ability was found to be 9.2 grades a gain of 2.1 grades in 23 weeks. From this study it is evident that much can be accomplished through systematic remedial training in silent reading.

789 James, Amos Washington The value of type lessons in teaching silent reading. Master's thesis 1929 George Peabody college for teachers Nashville Tenn 79 p ms

790 Johnson George B. An objective method of determining reading difficulty. Journal of educational research 21 283-87 April 1930

The author presents a method of determining the difficulty of reading matter. He considers the per cent of polysyllabic words as a measure of the difficulty which children will have in reading the book.

791. Jones Effie Butler Comprehension results in oral and silent reading. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 54 p

Comprehension results in oral and silent reading in third, fifth and seventh grades in five types of schools showed that of the 300 children tested the majority comprehended more when reading silently. Good silent readers were usually good oral readers. Reading ability in both oral and silent reading is related to mental age. Mental age and IQ have no relation to development in either oral or silent reading to the discredit of the other type of reading.

792 Jordan Pearl Factors relating to reading progress in rural schools. Master's thesis 1929 George Peabody college for teachers Nashville Tenn 43 p ms

793 Keplinger Myrtle An analytical study of 31 disability cases in reading. Master's thesis 1930 University of Kansas Lawrence

794 Kone Florence Points covering mechanics common in teaching of reading texts. Master's thesis 1929 George Peabody college for teachers Nashville Tenn 82 p ms

795 Lancaster, Pa. Public schools Educational research. Number of types and errors made by teachers in correcting reading tests and tabulating the results 1929 8 p ms

796 Lantz, Beatrice A reading survey conducted to determine our median attainment in the teaching of reading in the various grades of the Ventura city schools grades 1-6 using the Ingraham Clark reading test form 1 1930 Public schools Ventura Calif 12 p ms

797 Lewerenz Alfred S. Objective measurement of diverse types of reading materials. Los Angeles educational research bulletin 9 8-11 October 1929

Books measured included textbooks fiction philosophy newspapers dictionaries word lists. Findings: Readers vary in vocabulary difficulty and those in a series do not always advance by progressive increments of difficulty. Eighth grade readers do not attain eighth grade difficulty in vocabulary. Many textbooks require much higher reading comprehension than that required for reading Scott's Lynahoe fiction for young children. Variance in difficulty: books on philosophy show a very high degree of vocabulary difficulty; a person should have nearly ninth grade reading ability to understand the content of the editorial page of a newspaper examined; vest pocket dictionary contains relatively more difficult words than does an unabridged edition.

798 ——— A reading study in two Los Angeles elementary schools. 1930 Public schools Los Angeles Calif. 2 p

799 ——— A scale for estimating the interest value of reading material 1930 Public schools Los Angeles Calif 4 p

Creates a check list of key picture words which have known interest value

800 ——— Vocabulary difficulty of the new Stanford achievement reading test. Los Angeles educational research bulletin 10 14-15 March 1930

A study of the vocabulary used in the reading section of the new advanced Stanford achievement test. The entire test seems to contain no material of more than ninth

grade vocabulary difficulty From this study the vocabulary grade placement formula appears to have sufficient validity to be used as a measure of ordinary types of reading matter

801. Lohmann Elsa Phonics as taught in our first grades throughout the United States Educational method 9 217-21 January 1930

A study of the objectives placement and time allotments of phonics in first grades throughout the United States.

802. McAnulty, Ellen A. and Clark, Willis W Reliability validity and standardization of certain elementary (grades 4-8) reading tests 1930 Public schools Los Angeles, Calif.

803 ——— Reliability validity and standardization of certain primary (grades 1-3) reading tests. 1930 Public schools Los Angeles Calif

804 Martin, Almira Marie D Kinesthetic factors in the learning of reading and spelling Masters thesis, 1930 University of Chicago Chicago Ill

805 Mary Vera, Sister A comparative study of elementary work type silent reading texts. 1930 University of Notre Dame Notre Dame Ind

806. Mayer Mrs Willa C The determination of a minimum reading vocabulary for the pre-primer classes of the first grades 1929 University of Pennsylvania Philadelphia

807 Mead Cyrus D A score card for rating primary readers. Educational administration and supervision, 15 42-30 September 1929

The distinctive features claimed for this score card are its compactness the summary page device for epitomizing and graphing the scores and the "objectivity" of the criteria

808 Miles W H. and Segel David. Clinical observation of eye movements in the rating of reading ability Journal of educational psychology 20 520-29 October 1929

Fifty nine grade 3 pupils were measured. The best of these readers show fixation durations which correspond closely to findings for adults. They make practically no regressive movements, show hardly any confusion intervals make little or no head movement or lip movement. The very poor grade 3 readers require ten fold as much time to cover the same material use twice as many fixations make many regressive fixations and conspicuously show head movements and lip movements

809 Mingo Jane A list of materials and books suitable for use in remedial reading Teachers college record 31 137-47 November 1929

810 Monroe Mich. Public schools. Course of study in reading kindergarten-3 1930 73 p ms

811 Moss Mildred Barr An investigation of the present standards of achievement in reading in the first three grades Masters thesis 1930 Rutgers university New Brunswick N. J

812 Muncie Ind Public schools Department of educational research. Report on the use of Thorndike-McCall reading scale form 5 survey test. 1930 4 p ms (Bulletin, no 34)

813 Murphy, Kathryn C A study of the relative efficiency of remedial measures in reading Masters thesis 1930 New Mexico normal university Las Vegas. 300 p ms

A study of 120 children in the fifth grade Two groups were used an experimental and a control group The group to which remedial measures were applied gained about three times over the control group

814 Myers Mary Alice The effect of the summer vacation on the reading ability of the school children Master's thesis 1930 University of Denver Denver Colo 65 p ms

From this study it is concluded that vacation has a beneficial effect on the intelligence quotient of all children and has a slight effect on reading

826 Pittsburgh, Pa. Public schools Department of curriculum study and research Stanford reading test to 1,400 pupils in special study of reading progress 1930

827 Pressey, L. C. and Pressey, S. L. Training college freshmen to read Journal of educational research, 21: 203-11, March 1930

Four hundred and twenty-two students scoring the lowest fourth of a reading test given to all freshmen were selected for training which lasted for seven weeks. From this study it is concluded that training college students to read is entirely feasible and results in real gains for academic work

828 Price, Rufus E. The relation of ability in silent reading to intelligence. Master's thesis, 1929. University of Texas, Austin

Verbal and non verbal intelligence tests and reading tests were given to 300 children of the fourth fifth, sixth, and seventh grades and correlations studied. Findings: Coefficients vary with tests used and groups tested. Correlation between verbal intelligence and reading comprehension was between .5 and .7 in upper grades of the elementary school. Correlation between non verbal intelligence and reading comprehension was lower

829 Rhodes, Drusilla Hichhorn. Preparation of a course of study in reading for the first three grades (of the San Jose school). Master's thesis, 1930 Stanford university, Stanford University, Calif

830 Rhynsburger, Amelia. A study of comprehension in silent reading Master's thesis, 1930 University of Iowa, Iowa City. 84 p

831 Roberts, Bertha E. and Stone, Clarence R. Merits of different plans of training in silent reading Educational method, 9: 155-65, December 1929

During the school year 1927-1928, three different plans of silent reading were used with 1,200 pupils in 15 schools, to determine the relative effectiveness and the respective merits of the plans. The Barnes, Stone, and McCall methods were used. The results of the Stanford reading examination were inconclusive as to the relative effectiveness of the readers used. The results of the Gates test of reading to understand precise directions indicate that the Stone materials and methods are more effective in this function than those of the other two methods. Teacher preference was in favor of the Stone materials and methods. Those using the McCall and Barnes usually preferred the McCall. The percentage of pupils using the McCall plan who preferred it to the method paired with it was larger than for either of the other plans. Different elements are determining factors in the preferences of different children

832 Robinson, Ruth. Comparative analysis of the vocabularies of three groups of primers Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 174 p ms

A study to determine the changes that have taken place in primer vocabularies over a period of approximately 60 years. Findings: (1) The number of running words that enter into make up of primer vocabularies almost doubled during the first decade of the twentieth century, after which a comparatively small decrease occurred, (2) there has been a decided decrease in the percentage of different words found in primer vocabularies, (3) there has gradually come to be less variation in the length of primer vocabularies both in running words and in different words, (4) there is evidence of increased uniformity of plan in the selections of recent primer vocabularies, however, there are yet wide variations in these selections; etc.

833. Ross, Russell C. A supervisory set up for increasing rate and comprehension in reading with emphasis on comprehension Master's thesis, 1930 University of Iowa, Iowa City. 125 p ms

834 Sand, Guri. A silent reading survey of grades three to eight and a supervisory program in silent reading for one teacher and larger rural schools of Traill county, N. D. Master's thesis, 1929 University of North Dakota, Grand Forks. 92 p ms.

835 Santa Monica, Calif. City schools Department of research Detroit word recognition test, grade 1-A 1930 3 p ms (Report, no 26)

The test was given by the regular classroom teachers, scoring was done by teachers under supervision. Judging from the medians of this and the previous survey it may be said that the general trend in first grade reading is upward.

815 O'Neill Anna A group of reports resulting from teachers investigation of reading situations Masters thesis 1929 Teachers college Columbia university New York N Y 75 p ms

816 Painter William C The improvement of fourth grade pupils in the Joseph Lane school Masters thesis 1930 University of Oregon Eugene 61 p ms

Most pupils will make a half grade improvement per term in reading regardless of their IQ if the correct reading devices are used

817 Parr Frank W The extent of remedial reading work in state universities in the United States School and society 31 547-48 April 19 1930

Forty state universities replied to a questionnaire sent to every state university in the country to get a check on the extent of remedial work in reading done during 1929 Findings The practice of remedial reading work varies in the state universities A great deal of interest is being manifested in the problem of remedial training in reading on the college level

818 ——— A remedial program for the inefficient silent reader in college Doctor's thesis 1930 University of Iowa Iowa City

Twenty students at the University of Iowa were given instructions in how to read and how to study over a period of 15 weeks A marked effect upon scholarship was noted

819 ——— and Nemzek Claude L The inefficient silent reader in college Peabody journal of education 7 299-303 March 1930

A study was made of 300 entering students at the University of Iowa who were called inefficient silent readers based on their grades in the Iowa comprehension test A follow up study was made of these students at the end of the first semester A check made on February first showed that 110 of the original group had dropped from school Data indicates that there are more poor readers among men than among women students and that the inefficient silent reader is incapable of doing satisfactory work in college

820 Paterson Donald G and Tinker Miles A Studies of typographical factors influencing speed of reading Journal of applied psychology 14 211-17 June 1930

In order to test the effect of practice on equivalence of test forms groups of students taking a test for the first time were compared with students who had taken the test one or more times The findings indicate that demonstrated equivalences for duplicate forms of published standard tests can not be accepted as valid except for the first trials

821 ——— Time-limit vs work limit methods American journal of psychology 42 101-104 January 1930

The Chapman Cook speed of reading tests were administered to 1090 college students Within the limits of the conditions of this experiment the time limit method and the work limit method are equivalent

8.2. Patterson M Rose First city wide survey of the reading ability of pupils entering our senior high schools 1929 Public schools Baltimore Md 26 p ms

822 Philippine Islands Bureau of education Progress in silent reading achievement as measured by the Thorndike-McCall reading scale forms 4 6 and 7 1929 Manila P I 3 p ms

Second year normal classes were tested with the Thorndike-McCall reading scale forms 4 6 and 7 The comparative median scores were secured.

821 ——— Progress in silent reading achievement as measured by the Thorndike-McCall reading scale forms 8 5 and 4 1930 Manila P I

Second year provincial normal classes were tested with the Thorndike-McCall reading scale forms 8 5 and 4 The comparative median scores were secured.

8.3. Pike Enna Ideals as presented in primary readers. Masters thesis 1930 University of Chicago Chicago Ill

A study of 24 primary readers eight sets each set consisting of a first second and third grade reader published within the last five years

826 Pittsburgh, Pa. Public schools Department of curriculum study and research Stanford reading test to 1,400 pupils in special study of reading progress 1930

827 Pressey, L C and Pressey, S L Training college freshmen to read Journal of educational research 21 203-11, March 1930

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829 Rhodes Drusilla Hichborn Preparation of a course of study in reading for the first three grades (of the San Jose school) Master's thesis 1930 Stanford university, Stanford University, Calif

830 Rhynsburger, Amelia. A study of comprehension in silent reading. Master's thesis 1930 University of Iowa, Iowa City 94 p

831 Roberts, Bertha E and Stone, Clarence R. Merits of different plans of training in silent reading Educational method, 9: 155-63, December 1929

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834 Sand, Guri A silent reading survey of grades three to eight and a supervisory program in silent reading for one teacher and larger rural schools of Traill county, N D Master's thesis, 1929 University of North Dakota, Grand Forks 92 p. ms.

835 Santa Monica, Calif City schools. Department of research. Detroit word recognition test, grade 1-A. 1930 3 p ms. (Report, no 26)

The test was given by the regular classroom teachers, scoring was done by teachers under supervision Judging from the medians of this and the previous surveys it may be said that the general trend in first grade reading is upward.

836 Scarborough Mrs Mary Griffin Reading achievement as influenced by two types of reading programs Master's thesis 1930 George Peabody college for teachers Nashville Tenn 45 p ms

An experimental study in which one group of children used a wide range of material and the second group used a limited range of supplementary material The findings indicate that the group using a wide range of material achieved more than the group having a limited range of material

837 Selby Elizabeth The history of the printing and the illustrating of primers Master's thesis 1930 George Peabody college for teachers Nashville Tenn 38 p ms

An analysis of the available primers for each year of publication since the New England primer and a comparison of these primers reveal the romantic story of the growth and expansion in the art of bookmaking which has kept pace with the growth and development of the American nation

838 Sibley Martha Individual reading method adapted to the grade readers for work type reading Educational administration and supervision 15 441-47 September 1929

The method of teaching reading described is concerned only with the work type of reading the purpose of which is the development of skill in the various elements that make up the total of reading ability This method was put to experimental test in the Baltimore public school system School number 97 grade three The class consisted of 33 pupils in September 1927 and of 34 in February 1928

839 Snapp Charles Ross Language inhibitions of the Slovak speaking child in learning to read English Master's thesis 1930 University of Chicago Chicago Ill 119 p ms

A study of the nature of reading difficulties of children of grades 1-3 The Slovak speaking group were compared with the English group to determine the nature of their difficulties Conclusions A measure of inhibition is present for the Slovak child that is not encountered by the English child

840 Staats Pauline G The criteria for vocabulary in beginning reading Master's thesis 1930 University of Iowa Iowa City 172 p ms

841 Stoker Edith M Improvement in reading in intermediate grades (4 5 6) Paducah Ky Public schools 1930 6 p

Survey in reading was made in March 1929 remedial work was carried on in 1929-1930 and a other survey made in March 1930 comparisons were made Improvement was found in all grades as follows 4B grades seven months 4A grades 17 months 5B grades six months 5A grades two months 6B grades, two years six months 6A grades one year four months

842 Stone Clarence R A non reader learns to read Elementary school journal, 30 142-46 October 1929

A study of George seven years and nine months old who was a non reader at the end of two years in the first and second grades indicates that poor readers need simple materials The best method for pupils who experience difficulty in learning and remembering words is a thought test method in which the child reads for meaning with a strong interest appeal and in which there is a constant requirement for independent recognition of words in simple comprehension exercises and tests

843 Straus Marion Work type reading in the upper and middle grades of the elementary school Master's thesis 1930 New York university New York N Y

844 Thompson K L Reading levels in Jersey City 1930 Public schools Jersey City N J 25 p

845 Tireman L S Reading in the elementary schools of New Mexico Elementary school journal 30 621-26 April 1930

A survey of reading in the elementary schools of New Mexico during the school year 1928-1929 carried out under the direction of the University of New Mexico presents a grave situation It showed that the reading ability of pupils in New Mexico is not up to standard that Spanish speaking children are farther below the standard than are the

English speaking children that a proper program in reading would do much to improve the present situation, and that more reading facilities should be provided both for the Spanish speaking pupils and for the English speaking pupils

846 Townsend, George Wilson The effect of punctuation upon comprehension A four part rotation experiment in punctuation Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 398-99 November 1930 (Abstract)

847 Voorhis, Thelma Grady Comparison of the relative influence of the manuscript and cursive writing on beginning reading 1930 Teachers college Columbia university, New York, N Y 80 p ms

A summary of previous investigations in manuscript writing together with a report of an experimental study conducted in six first grade classes in a public school for one school year in an attempt to determine what influence if any the choice of type of hand writing that is cursive or manuscript has on beginning reading

848 Walter, Ralph Reading survey of the New Rochelle public schools 1930 Public schools, New Rochelle, N Y 3 p ms

A study undertaken to examine the reading status of the schools and make recommendations for improving the reading work Findings (1) Children of superior and average intelligence show satisfactory reading work (2) children of inferior intelligence are not being raised above their intelligence level

849 Ward Gladys A critique of studies in reading rates, silent and oral Masters thesis 1929 University of Iowa Iowa City

850 Watson, Goodwin and Newcomb, Theodore M Improving reading ability among teachers college students Teachers college record, 31 535-39, March 1930

An experiment carried on in a class of about 200 graduate students coming to Teachers college on Saturday mornings for a general introductory course in educational psychology From the study it was found that the average student in this class can by paying conscious attention to speeding up his reading read 15 to 20 per cent more material of a given kind in a ten minutes period after six ten minute periods of practice distributed over a week

851. Watson, John Leonard Relation of intelligence to reading ability in the fourth grade Master's thesis, 1929 George Peabody college for teachers Nashville Tenn 25 p ms

852 Wharton Harnet Lewis A program for the improvement of reading in Bedford county Masters thesis 1929 University of Virginia Charlottesville

853 Williams, Allan J (Buffalo N Y) Evaluating reading material [1930]

A study of 3500 pupils in Buffalo public schools giving a list of 27 primary readers with grade scores showing range of difficulty

854 Witty, Paul A and LaBrant, Lou L Vocabulary and reading School and society 31 268-72, February 22 1930

The vocabulary used by five classes of upperclassmen and five classes of freshmen enrolled in the School of education and the College of liberal arts of the University of Kansas were studied. A total of 340 compositions and a like number of vocabulary tests were obtained. An analysis was made of the vocabulary content of 10 well known books. Conclusions Elements other than vocabulary determine the choice of reading materials for persons over 14 years of age the problem of vocabulary development may have received too much emphasis

855. Young, William Ernest The relation of comprehension and retention in reading to comprehension and retention in hearing Doctors thesis 1930 University of Iowa Iowa City 34 p ms

See also 227, 238 338 427, 580, 589 651-652 681 691 1237 1247 1265 1426 1429 1610 1989 2331 2823, 2878, 2917, 3008 4531

## HANDWRITING

856 Anderson Earle A study of the teaching of handwriting in rural schools of Harper county Kansas Masters thesis 1930 University of Kansas Lawrence

857 Barber Lucille L (Cortland N Y) Study elements in handwriting. [1930]

858 Boling, M M Junior high school course of study handwriting 1929 Wilson teachers college Washington D C 6 p ms

859 Conard Edith U and Offerman Elizabeth J A test of speed and quality in manuscript writing as learned by adults Teachers college record 31 449-67 February 1930

860 Gray William Henry An experimental comparison of the movements in manuscript writing and cursive writing Journal of educational psychology 21 239-72 April 1930

The movements executed by writers trained in manuscript and in cursive writing were compared and analyzed The writing of 10 adults and 20 children were studied The results of the investigation indicate that the differences between manuscript writing and cursive writing are chiefly in the speed changes which take place within the writing

861 Guiler Walter Scribner Improving handwriting ability Elementary school journal 30 56-69 September 1929

A 12 weeks field project to improve rate and quality of handwriting was given in a mixed class of seventh and eighth grade pupils in the Hoos township centralized school Greene county Ohio Handwriting difficulties were studied for individual and group needs and the difficulties analyzed Remedial work was given in individualized group instruction There was a marked variation in the amount of improvement in quality made by individual pupils Attitude of both teacher and pupils was changed The teacher realized the importance of diagnosis and analysis in overcoming handwriting faults pupils were convinced that handwriting can be greatly improved by concentrating effort at points of difficulty

862 Lehning Beatrice L The preparation and testing of a remedial method in handwriting Masters thesis 1930 University of Iowa Iowa City 226 p ms

863 Lingren Oilbert O The diagnosis and improvement of handwriting in the intermediate grades of the Hope public schools Masters thesis 1930 University of North Dakota University

864 Madeira Charles Calvin The social significance of the Zaner Freeman system of teaching handwriting Masters thesis 1929 New York University New York N Y 122 p ms

865 Muncie Ind Public schools Department of educational research Report of results on handwriting test grades 3B-6A 1930 5 p (Bulletin no 38)

The main purposes of the testing were to aid teachers of handwriting in discovering individual pupil weaknesses and individual difficulties to use as a basis of remedial teaching procedure

866 Nash H B Survey of handwriting 1929 Public schools West Allis Wis

867 Newland T Ernest A study of the specific illegibilities found in the writing of Arabic numerals Journal of educational research 21 177-85 March 1930

868 Philadelphia Pa. Public schools Division of educational research Handwriting survey 1929 6 p ms (Bulletin no 144)

869 ————— Handwriting test 1929 5 p ms (Bulletin no 199)



870 Prewitt, Irene and Manuel, Herschel T. Differences in the handwriting of supervised and unsupervised pupils. *School and society*, 31: 297-98, March 1, 1930.

Twenty thousand specimens of handwriting were collected in May 1928 from 35 school systems in seven states. In every grade the quality of writing of the supervised schools is superior to that of the unsupervised schools. Supervision seems to keep a better balance between speed and quality.

871. Ryan, Michael J. Bibliography of handwriting '1930. Pelcoe school of business administration, Philadelphia, Pa. 2S p. ms.

872 Shaw, Lena, and Crumpton, Claudia E. Attitude of the child in matters of skill. *Elementary school journal*, 30: 218-22, November 1929.

A handwriting experiment was carried on in the Hutchins intermediate school, Detroit. All of the students were given a handwriting test made by pupils of higher intelligence in several classes. Findings: All pupils improved in both rate and quality of writing when legibility was motivated through English and other classes in the school; pupils 11, 12, 13, and 14 years of age consistently improved in rate and quality with each succeeding semester. Eleven year old pupils made the most progress. An attitude conducive to improvement in a skill may be developed chiefly by placing the responsibility for improvement on the pupils. Attitude is a potent factor in the development of a skill.

873 Turner, Olive G. Comparative legibility and speed of manuscript and cursive handwriting. *Elementary school journal*, 30: 780-86, June 1930.

Specimens of both types of writing from grade six of the Winnetka, Ill., public schools; specimens of cursive writing in grades two through five from public schools in Kalamazoo, Mich.; and specimens of manuscript writing from grades two through five in public schools of Paw Paw, Mich., were secured. Writing was studied for ease of reading, legibility, economy of line space, and rate of writing. Data indicate that in legibility manuscript writing had a significant margin of superiority as compared with cursive writing; in rate of production, manuscript writing exceeded the norms established for the grades studied, except grade two.

874 West, Paul V. The American handwriting scale, and manual for the American handwriting scale. New York, A. N. Palmer company, 1929.

See also 784, 847.

#### SPELLING

875. Abernethy, Ethel M. Photographic records of eye-movements in studying spelling. *Journal of educational psychology*, 20: 695-701, December 1929.

Eight pupils in grade 6 of the University of Chicago elementary school, and four graduate students of the University were the subjects of a study to investigate the relation between the method of learning to spell, as indicated by photographic records of eye-movements, and efficiency in learning. Findings. Adults have a broader recognition span, are decidedly briefer in the duration of fixations and make fewer regressive movements.

876 Archer, Clifford P. Saving time in spelling instruction. *Journal of educational research*, 20: 122-31, September 1929.

In order to throw some light on the problem of what effect the study of one word has upon another in all types of conditions and complexities, the writer planned and conducted a series of three experiments. In this article the experiments are described, and a few results and conclusions are given.

877. ——— Shall we teach spelling by rule? *Elementary English review*, 7: 61-63, March 1930.

Reports an experiment with 150 children in reaching one rule in spelling. Findings: The method of teaching the rule is important. It assists in learning to spell when properly taught.

878 ——— Transfer of training in spelling. Iowa City, The University, 1930. 63 p. (University of Iowa studies, first ser., no 180, June 1, 1930. *Studies in education*, vol 5, no. 5)

Bibliography, p 61-62.

In this investigation three different types of words were selected which differ with respect to the method of adding the suffix "ing." The data presented furnish quite

conclusive evidence of positive transfer of about equal amounts between the base forms of words the *s* forms the *ed* forms and the *ing* forms. No significant differences between the transfer of ability of boys and girls were found.

879 Atkins Samuel. The learning indices and study methods of school children in spelling. Master's thesis, 1930. University of Minnesota. Minneapolis.

880 Beatty C Evelyn. The relative effectiveness of two different methods of word drill. Master's thesis, 1930. University of Pittsburgh. Pittsburgh. Pa. University of Pittsburgh bulletin 27, 221, 22<sup>nd</sup> November 1930. (Abstract).

881 Bixler Harold H. High school spelling test, forms 1 2 3 4. Atlanta Ga. Smith Hammond and company, 1929. 4 p.

882 Book William F. How a special disability in spelling was diagnosed and corrected. Journal of applied psychology 13, 3:8, 93 August 1929.

883 Carr Rose and Finegan Hazel A. An experiment in spelling. Los Angeles educational research bulletin 9, 7, 10 December 1929.

The Los Angeles spelling dictionary contains 1500 words most frequently used in writing. It was given two try outs with a reduction in misspellings. It is recommended that the spelling dictionary be made available for general use in schools.

\* 884 Carroll Herbert A. Generalization of bright and dull children. A comparative study with special reference to spelling. Doctor's thesis, 1930. Teachers college Columbia university, New York N. Y. New York city Teachers college Columbia university, 1930. 54 p. (Contributions to education no 439).

885 Clark Cora Turnidge. The psychology and pedagogy of spelling—a review with suggestions for a new method of approach. Master's thesis [1930]. University of Oregon. Eugene. 71 p. ms.

886 Clingman Rena. The status of spelling in the village and rural schools of Nebraska. Educational research record (University of Nebraska) 3, 15-20 October 1929.

The author secured the names of the spellers in use from 41 county superintendents in Nebraska. She found a significant lack of uniformity in the spelling material used and in the number of words to be learned.

887 Distad H. W. and Davis Eva M. A comparison of column dictation and sentence dictation spelling with respect to acquisition of meaning of word. Journal of educational research 20, 352-59 December 1929.

This study shows the superiority of sentence-dictation spelling over column dictation spelling in teaching the meaning of words.

888 Feeney Margaret Marcelline. A re-allocation of the words in the Chicago spelling list. Master's thesis, 1930. Loyola university Chicago. Ill. 60 p. ms.

889 Ferrell G. B. An analytical study of the Iowa English essentials spelling test. Master's thesis, 1930. University of Iowa. Iowa City. 11 p. ms.

890 Foran T. G. The form of spelling tests. Washington D. C. Catholic education press, 1929. 24 p. (Catholic university of America. Educational research bulletins vol 4 no 8 October 1929).

89° Greenwood, Forest O A study of spelling difficulty on a high school senior level Master's thesis 1929 University of Iowa Iowa City 221 p ms

893 Guiler Walter Scribner Improving ability in spelling Elementary school journal 30 594-603, April 1930

An effort was made to improve the ability to spell in fifth-grade pupils in the public schools of Bellbrook Ohio A preliminary study of spelling ability of the class was made Words in common use which were difficult for the pupils to spell were discovered and recorded and spelling difficulties were analyzed Data indicate that different parts of the same word may be difficult for different pupils each pupil should be able to give attention to words he finds difficult Instruction and study should be focused at points of difficulty Intelligence seems to bear no significant relation to ability to spell

894 ——— Validation of methods of testing spelling Journal of educational research 20 181-89 October 1929

895 Gunn H M A study of differences between the test study method and the study test method in the teaching of spelling in grade 4A In Portland elementary principals association First yearbook 1930 p 25-29

Fifteen pupils of grade 4A were given the test study method of teaching spelling the other 15 were given the study test method The results seem to indicate that the study test method was slightly superior although either method seems to work satisfactorily if carefully followed and properly used

896 Hays Martha L Spelling ability of normal training students in Iowa Master's thesis 1930 University of Iowa Iowa City 68 p ms.

897 Hodges Myra A comparative study of spelling lists Master's thesis 1930 George Peabody college for teachers Nashville Tenn 75 p ms

Five spelling lists for grades 4 5 and 6 were composed Spelling to write Jones new Merrill Horn Ashbaugh and Reed French lists were studied 5637 different words were found in the five lists 42° different words were common to all lists 703 were found in four lists 890 in three lists 1309 in two lists and 2308 or 40.4% of the different words occurred in only one list

898 Livingston Marion F The progress in simplified spelling Master's thesis 1930 University of Iowa Iowa City 121 p ms

899 McCormick Burton D Cox Warren W and others Spelling syllabus for elementary schools Albany N Y State education department 1929 48 p

The syllabus covers the second through the eighth grades

900 McLeod Laurence S The interrelations of speed accuracy and difficulty Journal of experimental psychology 12 431-43 October 1929

Six hundred and sixty five spelling words of various degrees of difficulty were given to 75 undergraduate college students Data secured from the dictation of these words were treated statistically Findings Individuals are likely to maintain at various levels of difficulty approximately the same relative speed They tend to keep constant their relative standing in accuracy for the various levels of difficulty There is a positive correlation between individual standing in accuracy for all words. At the level of difficult words there appears to be no correlation between speed and accuracy

901. Mason Frances W A study of certain sound letter confusions in spelling in grades 2 to 6 Master's thesis 1930 University of Iowa Iowa City 46 p ms

902 Mendenhall James E. An analysis of spelling errors a study of factors associated with word difficulty Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 65 p

Pupils in Public school 165 Manhattan New York N Y were tested From 200 to 500 words were given to about 100 pupils at each grade level list of words given was one grade level above that of pupils tested It was found that omission of letters and substitution of letters are most prominent types of errors the hard spot of a word is located either at the center or right of center early syllables of a word are consistently easier to spell than later syllables The principal source of spelling

925 Anderson, Mabel Lillian The organization and administration of oral English in senior high schools Master's thesis, 1930 University of Southern California, Los Angeles

926 Ash I O English in junior high school Doctor's thesis, 1930 University of Cincinnati Cincinnati, Ohio 30 p

927 Ashbaugh, Ernest James Adjectives used by high school students Educational research bulletin (Ohio state university), 8 273-75, September 11, 1929

This study is based on an analysis of 100 letters written by girls in each Grade 7 to 11 inclusive The writer thinks that neither the total vocabulary nor the descriptive terms justify an inference of poverty of language so often charged against high school students

928 ——— Junior and senior high school English 1930 Ohio state university, Columbus

An analysis of the letters of junior and senior high school pupils to their relatives and friends was made to determine the results of the teaching of composition and grammar upon English written outside the formal class Age sex grade and type of school which the pupil attended were considered

929 Baker, Elizabeth W A social basis for the teaching of elementary English language Elementary school journal 30 27-33 September 1929

The uses which children have for language outside of school were studied in the elementary schools of Dallas Texas Data were studied from the standpoint of uses for spoken English, uses for written English occasions or topics for conversation, occasions for uses of spoken English in courtesy Data show that every child should have training in meeting the situations with which he is certain to be confronted and on the proper handling of which much of his success and happiness depends

930 Banks Frances L A study of the achievement in correct English usage of high school pupils through diagnostic testing and remedial instruction, 1929 University of Pennsylvania Philadelphia

931 Barnes, Helen Lindley Teaching high school pupils to write familiar essays Master's thesis, 1929 Teachers college Columbia university, New York N Y 44 p ms

932 Barnes, Walter Certain aspects of the language activities of children in the seventh, eighth and ninth grades Doctor's thesis, 1930 New York university, New York N Y 194 p ms

A study of out of school language as far as it relates to language situations types of language topics motives children's evaluations of language for the group with sex grade and community variations Findings The language usages practices and activities of life differ greatly from the school objectives and curriculum in languages

933 Barret, Martha Buckman How to teach English to superior children Master's thesis 1930 University of Southern California Los Angeles

934 Batten, Ruth Experiment in teaching grammar 1930 West Virginia university, Morgantown

935 Bennett, Ernestine Experiment in the teaching of language in the fifth grade Elementary school journal, 30 410-43 February 1930

The experiment was carried on in the fifth grade in the Lee laboratory school of the University of Missouri during the 1929 summer session of the University Seventeen children ranging in age from nine years and five months to 13 years and eight months were tested by the Charters diagnostic language tests miscellaneous A form 2 before and after the course in remedial work in language The children were given from eight to 40 sentences to correct each day with no instructions and no discussion of types of sentences given them During the six weeks of experimentation the median of the class increased from that of Grade 3 two grades below the standard for the group to that of Grade 6 one grade above the standard. Range in scores showed marked improvement

936 Berger, Ruby, chairman First poems by children in the Norfolk public schools, 1928-1929 Norfolk, Va Public schools 1929 58 p

\* 937 Betzner, Jean Content and form of original compositions dictated by children from five to eight years of age Doctor's thesis 1930 Teachers

college Columbia university New York N Y New York city Teachers college Columbia university 1930 53 p (Contributions to education no 442)

A collection of children's compositions 1-15 in number supplied the data for this study

938 Bivins Curtis L. A study of high school English abilities in the standard rural schools of Davidson county 1930 North Carolina state college Raleigh

Findings High correlations were obtained between intelligence and English form and also between intelligence and composition ability. The students in Davidson county were found to be below standard in their English abilities, but this was probably due to such factors as poor average attendance, new consolidations, insufficient equipment, inexperienced teachers, heavy teaching load, short term of school, etc.

939 Bloomfield Eleanor V M. Problems and outcomes of creative writing in an industrial section. Master's thesis 1930 New York university New York N Y 48 p ms.

This experiment which was carried on for two years with four classes was to determine the advisability of attempting creative writing in a school whose children possessed no cultural background and where many were handicapped with language difficulties and limited intelligence. Findings Creative writing has strengthened the pupils' belief in self. It has encouraged him to self-expression. It has tended to build more desirable social attitudes and to promote a more sympathetic understanding between the members of the group.

940 Bontrager O Ray. Pupil accuracy as related to certainty of response in a specific language test. Master's thesis 1930 University of Iowa Iowa City 133 p ms.

941 Bowman Lillie Myrtle. Difficulties of high school pupils in written and oral English as found by case-study methods. Master's thesis 1930 University of California Berkeley 66 p ms.

A study of first semester eleventh grade English pupils to determine the specific English skills in which each pupil is lacking, the reasons for such lack of skills, and how far the lack of each skill is common to the group. Findings (1) Difficulties involve from 41 to 9 per cent of the pupils. (2) causes (carelessness, lack of interest, lack of proper guidance) indicate that much remedial work could be simply done.

942 Boyer Philip A. and Gordon Hans C. Comparative study of performance in written English at entrance to grade 9 and at graduation from high school 1930 Public schools Philadelphia Pa 13 p ms.

943 Bruffey Aimee Matie. The task of the high school English teacher of English. Master's thesis 1929 George Leabody college for teachers Nashville Tenn. 60 p ms.

944 Bursch Charles Wesley. The technique and results of an analysis of the teaching process in high school English and social science classes. Doctor's thesis 1930 Stanford university Stanford University Calif.

\* 945 Bushnell Paul P. An analytical contrast of oral with written English. Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 87 p (Contributions to education no 451)

Teachers of ten sections of tenth grade English gave their pupils the same subject for both oral and written themes which were later analyzed. In general oral compositions are looser, more fluid, inaccurate and incoherent than the written. Considerable evidence is presented in the study to the effect that oral English at this level of maturity is not radically different from written, having its own distinctive merits and qualities, but that it is generally just a less precise, logical, integrated form of expression. No reliable sex differences appear.

946 Butler Bertha Irene. Sentence errors made by pupils of the last high school grade. Master's thesis 1929 New York university New York, N Y 60 p.

947 Butterworth Elmer Raymond Mastery of punctuation usages as related to the rules Masters thesis 1930 University of Iowa Iowa City 63 p ms

948 Cannon Rebecca Pruett Course of study in junior 3 English 1930 Alabama polytechnic institute Auburn

Complete unit and daily lesson plans for the direction of learning in classes of ninth grade English in the junior high school of Alabama

949 Calvert T B Report on the use of the Pressey diagnostic composition tests form I January 1930 Grades 7B-10B inclusive 1930 Public schools Muncie Ind 9 p ms. (Bulletin no 30)

950 Commins W D A factor in language ability Journal of educational research 21 77-78 January 1930

Auditory imagery as a factor in language ability

951 Copenhaver Mildred A study of composition textbooks published from 1900 through 1929 Masters thesis 1930 George Peabody college for teachers Nashville Tenn 50 p ms

A study of high school composition textbooks advertised in the English journal from 1900 to 1929 Findings Rank of topics according to the number of pages grammar 16 9 exposition 10 13 composition 9 68 narration 9 0 per cent etc

952 Cummins Anna Mary An analysis of 180 poems written by children Master's thesis 1930 George Peabody college for teachers Nashville Tenn 138 p ms

Analysis of themes stanza and verse forms rhyme schemes and diction of 180 poems by children from three to 11 inclusive collected from various magazines Findings Principal themes in poems studied are nature fairies and mythology childhood experiences The most popular rhyme is the couplet Only 35 of the poems studied are free verse The diction is not very different from that used by adult poets A few words were coined outright a few were given unusual uses figures of speech are rare

953 Craig Seward Shively Minimum essentials in English grammar and punctuation Masters thesis 1930 Indiana university Bloomington 100 p ms

954 Crawford John Raymond The drill content of certain practice exercises in language Masters thesis 1929 University of Iowa Iowa City 54 p ms

955 Crockett Harry L A series of manipulative tests in hand composition Master's thesis 1930 Colorado agricultural college Fort Collins

956 Cuff Noel B Vocabulary tests Journal of educational psychology 21 212-20 March 1930

Gives results of a specially prepared vocabulary test given to 1110 subjects

957 Dammrich Ethel M Experimental study in vitalized composition with children of the elementary grades Masters thesis 1929 New York university New York N Y 52 p

958 Daringer Helen Fern A study of style in English composition Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 58 p

In order to discover what elements and qualities of style are generally taught in secondary schools 14 widely used high school textbooks were analyzed and 41 elements and qualities grouped under good usage clearness force beauty

959 Davis Orville Rhoads The improvement of English in the Leesburg junior senior high school Master's thesis 1929 University of Florida Gainesville 104 p ms.

960 Discepolo Genevieve The poem and its teaching Master's thesis 1930 New York university New York, N Y

961 Dolch Edward William Use of the dictionary Elementary school Journal 30 663-74 May 1930

Four hundred and ninety six superintendents and supervisors of schools answered a letter asking in which grade in the elementary school each pupil first should be provided with a dictionary Almost two thirds believe that pupils should be provided with dictionaries in grade 4 a little less than one third believe that grade 5 is the proper grade Superintendents are divided as to whether pupils can use dictionaries successfully in grade 4 or grade 5 Many superintendents report that systematic lessons in handling of the dictionary are given in grade 4

962 Dubard Mrs Willie May High school English in the southern state courses of study Master's thesis 1930 George Peabody college for teachers Nashville Tenn 223 p ms

A study of courses of study in high school English for 14 southern states (1924-1930) Findings In respect to form three types of courses of study were found There was agreement in content but variety of practice in organization and in grade placement of content Content under method consists mainly of specifications of subject matter

963 Edds Jess Hobart The measurement of verbal and non verbal abilities Doctor's thesis 1930 George Peabody college for teachers Nashville Tenn Nashville Tenn George Peabody college for teachers 1930 34 p (Contributions to education no 75)

Fifty three college students and 140 high school students were used in this study seven tests were used to measure verbal and nonverbal abilities in the college group and seven to measure the same abilities in the high-school group Verbal and nonverbal abilities seemed to have little in common

964 Fellows John Ernest The influence of theme reading and theme correction on eliminating technical errors in the written compositions of ninth grade pupils Doctor's thesis 1930 University of Iowa Iowa City 254 p ms

965 ——— Theme reading in written composition School review 38 368-72 May 1930

A check list was sent in October 1929 to nearly 300 superintendents of schools in Iowa with the request that they be sent to the leading teacher of English in the secondary schools One hundred and eighty eight check lists were returned Seventeen methods were reported in use This study of methods used in reading themes is significant because it indicates the predominance of certain methods and the prevalence of the opinion that pupils should correct their themes

966 Ferree Helen M A composition standard 1929 Upper Darby high school Upper Darby Pa 30 p ms

An evaluation of 400 papers the selection of two or three to represent each of five grades and an analysis of each of the selected papers

967 ——— A forty weeks course of study for sophomore oral English 1929 Upper Darby high school Upper Darby Pa 50 p ms

The development of 14 projects to teach oral expression parliamentary procedure and student initiative through a socialized organization

968 Fitzgerald James A. Abbreviations in language textbooks Journal of educational research 20 223-31 October 1929

Findings Abbreviation skills are presented and taught with no apparent regularity in the textbooks studied there is but little consistency in grade location of abbreviations in the textbooks there is little agreement as to the most important and useful abbreviations etc

969 Foster Guy L An activity analysis in oral expression Master's thesis 1930 Indiana university Bloomington 66 p ms

970 Galloway Norman Lochridge Difficulties in the teaching of elementary English Master's thesis 1929 George Peabody college for teachers Nashville Tenn 107 p ms

971 Gardner William J The reliability of the Clapp-Loung self marking English tests Master's thesis 1930 University of Wisconsin Madison

972 Garrison Iola Elda. The influence of the junior high school movement on the teaching of English Master's thesis 1930 University of Chicago, Chicago Ill

973 Garrison, K C The relationship between three different vocabulary abilities North Carolina state college, Raleigh Journal of educational research 21 43-45 January 1930

Sixty six third grade pupils were given three tests to find out the different vocabulary abilities The first test was designed to test a pupil's ability in choosing words that rhymed the second test was one of word building and the third was a simple vocabulary test Girls proved to be superior in rhyming activity

974 Gaut Gertrude Flinn Relative efficiency of direct and indirect method of teaching English vocabulary to Spanish speaking children at kindergarten age Master's thesis 1930 New Mexico normal university Las Vegas 111 p ms

A study to determine the relative efficiency of the direct as against the indirect method of teaching English vocabulary to Spanish speaking children of kindergarten age Findings Direct method was found to be more effective

975 Geyer, Ellen M Comparison of grammatical points in 14 tests in English University of Pittsburgh school of education journal 5 148-50 June 1930

An analysis of 14 tests used in testing freshmen in English in order to discover whether the points included were the result of careful experimentation and how much uniformity a comparison of a series of such tests chosen at random would show

976 Gilbert Bonnie Teaching formal details of English by means of problems Peabody journal of education 7 42-47, July 1929

The author describes a diagnostic test seven or more drills and a progress test used in teaching English in the tenth and eleventh grades of a school for four years

977 Gilmore Isabel E A study of the effectiveness of two methods of teaching punctuation. Master's thesis 1930 University of Kansas Lawrence

978 Goersy, Elsa F The departmental headship in English in high schools Master's thesis 1930 University of Nebraska Lincoln

An analysis of 127 departments of English in 93 cities having 30 000 or more people

979 Grabo R P A study of the comparative vocabularies of junior high school pupils in English and Italian speaking homes [1930] Public schools Schenectady N Y 7 p ms

Two groups were matched for mental ability one monoglot the other bilingual and a comparison was made of total English vocabularies and of total vocabularies English and Italian Findings Total vocabularies English and Italian equal total vocabularies of American child English vocabulary of bilinguals was 33 per cent below monoglot

980 Gwinn Clyde Wallace An experimental study of college classroom teaching the question and answer method versus the lecture method of teaching college English Doctor's thesis 1930 George Peabody college for teachers, Nashville Tenn Nashville Tenn George Peabody college for teachers 1930 135 p (Contributions to education no 76)

Ninety-eight students were involved in this study 49 in each group Conclusions It would seem that college students of superior intelligence have somewhat better chance of acquiring knowledge of factual materials in college English when such materials have been presented by means of the lecture method and students of the lower quartile in intelligence appear to accomplish more when the material is presented by the lecture method

981 Haas Fredericka M The minimum essentials test as a means of sectioning in freshman English Master's thesis 1930 Syracuse university Syracuse N Y

Findings The minimum essentials test as given to freshmen at Syracuse university is not an adequate means of sectioning these freshmen according to their composition ability



982 Hall T O A study in letters of application. [1930] George Peabody college for teachers Nashville Tenn.

Errors punctuation grammar and irregularities of letter form were studied Findings (1) The greatest number of errors was in the use of the comma (2) the least number in the use of parentheses

983 Harap Henry The most common grammatical errors Western Reserve university Cleveland Ohio English Journal (High school and college edition) 19 440-46 June 1930.

A study to determine the most common grammatical errors Thirty three studies of the common grammatical errors in written and oral speech were analyzed and a composite list of 100 errors was made

984 Harriman Philip Lawrence The consistency of errors in the punctuation of high school graduates. Doctor's thesis 1930 New York university New York N Y 122 p ms

Location of specific errors in correcting sentences containing similar grammatical constructions and involving similar usages Findings Objective evidences of confusions and misunderstandings in the application of accepted principles in punctuating

985 Harris Helen Constance The development of language ability during the elementary school period Master's thesis 1930 University of Chicago Chicago Ill 106 p. ms.

The structural elements in the language of the reading materials and the written compositions of children in the first six elementary school grades were studied. Findings Certain characteristics of the structural elements of the language used are indicative of periods in the development of ability in reading and in written composition during the elementary school period the development of ability in reading proceeds at a more rapid rate and if judged by the same standards reaches a higher level of maturity than the ability in written composition by the end of this period

986 Harris Musa P Growth in language ability in relation to intelligence Master's thesis 1930 George Peabody college for teachers Nashville Tenn 50 p ms

Children of the third fourth and fifth grades from five consolidated schools in Escambia county Alabama were studied Findings With special training there is marked growth in achievement over a period of time as compared with intelligence

987 Hartsock, Florence I. A comparative study of high school dictionaries Master's thesis 1930 George Peabody college for teachers Nashville Tenn 60 p ms

Covers the use of four dictionaries in one school Findings High school students consult the dictionary for definition pronunciation and spelling It is impossible to prove one dictionary superior to the others

988 Hartson L D A five year study of objective tests for sectioning courses in English composition Journal of applied psychology 14 202-10 June 1930

A number of objective tests in English composition were given to freshmen at Oberlin college The tests which furnish the best basis for predicting final grades in composition were those for the most mechanical of the elements involved in the work The tests provide data which would make possible a homogeneous grouping of the students in the course

989 Hasbrouck, M Josephine An evaluation of the oral versus the written method of teaching sentence structure in the eleventh year Master's thesis 1930 Syracuse university Syracuse N Y

Under the conditions of this study the indications are that either the oral or the written method may be used to almost equal advantage Probably both methods should be employed in all classes so that other benefits may be coincident

990 Haworth Floyd B A critical study of certain testing techniques in language usage Master's thesis 1930 University of Iowa Iowa City 34 p ns

991 Hershey, Josephine L. A survey of texts and materials suitable for use in high school English course Upper Darby high school Upper Darby, Pa 75 p ms

An inspection and valuation of 200 English textbooks

992 Hiney, Clarabelle Fentem The effects of irregularity in school attendance upon the composition abilities of high school pupils Master's thesis 1930 University of Chicago, Chicago Ill

993 Hoefler, Lehman. The aims of first year English at the college level Master's thesis, 1930 Catholic university of America, Washington D C 42 p ms

994 Holmes, Maybel M Tested procedures in creative writing for grades 6, 7, and 8 Master's thesis 1930 New York university New York N Y 40 p ms

Explanation of methods used data collected and conclusions reached in experimenting with creative (prose) writing in grades 6 7 and 8 Findings Children whether bright or dull, can write of their own experiences with originality when sympathetically guided

995 Huff, Emily A Comparative vocabulary study Master's thesis 1930 Washington university St Louis Mo

\*996 Hwang, Pu Errors and improvements in rating English compositions by means of a composition scale Doctor's thesis 1930 Teachers college, Columbia university New York, N Y New York city, Teachers college Columbia university, 1930 67 p (Contributions to education no 417)

Two composition scales were used in this study the Hudson English composition scale and the Van Wageningen narration scale. The results of this study seem to indicate that the best condition of rating English compositions by means of a composition scale from the standpoint of reliability is to rate compositions written on similar topics showing a wide range of quality with an objective scale of the general merit type

997 Indiana Department of public instruction Chart of expected outcomes in oral and written expression grades K-8 Indianapolis 1930

998 Jaffe, Philip A critical study of the New York City grammar syllabus—1928 Master's thesis, 1930 College of the City of New York, New York N Y 64 p ms

An evaluation of the content and suggested procedure in the light of scientific studies.

999 Johnson, Inez The relation of grammatical and structural errors to spoken and written composition Master's thesis 1930 University of Kansas Lawrence

1000 Johnson, Ruth Virginia The development and evaluation of certain tests of language information. Doctor's thesis 1929 Ohio state university, Columbus 141 p ms

Investigation of background information needed for success in high school and college English and foreign language courses and the development of diagnostic tests to facilitate location and remedy of deficiencies in previous preparation for such courses. Diagnostic tests functional in nature were developed based on the 27 concepts found to constitute the minimum essentials. Results of the test given to 835 students (grade 7 through college) showed remedial work to be needed at every grade level. Reliability of the test as found by correlation of total score on form A with total score on form B for 263 high school students was  $91 \pm 01$

1001 King Patti Batey Growth in language as shown by Wilson language error test 1930 George Peabody college for teachers Nashville Tenn 55 p ms

An unselected group of grade 6 pupils were measured three times during a school year by use of the Wilson language error test. On each story the median of the group was above standard the group grew more than a year from October to May. Pupils with high IQs began above standard, those with IQs less than 100 began below standard but they grew more than two years during the testing period.

1007 Kirkpatrick Betty J Relationship of reading ability and success in high school English in the junior class of the Milne high school Master's thesis 1930 New York state college for teachers Albany

Correlations show a significant positive relationship

1008 Koch Merle I and Morley Elizabeth A manual of style Upper Darby high school Upper Darby Pa 20 p ms

A preliminary study of current practice in spelling punctuation and mechanics in general.

1004 Kopf Helen M High school students knowledge of the personal pronoun declension 1930 Piqua high school Piqua Ohio

A study to determine if pupils from rural districts are as well prepared in English grammar as city pupils. Findings City pupils in all grades of the high school have a much better knowledge of the subject.

1005 Landale Jean Technique of teaching English to special classes at South high school 1930 University of Omaha Omaha Nebr

Outlines the techniques used for selection of students for special English classes at South high school describes modifications of the English course of study to meet the needs of the special group selected describes the special methods employed for teaching the special group in English and draws objective conclusions from tests and numbers retained as to value of such a course in English

1006 Lansdowne Katie Grade placements of the elements of formal grammar Master's thesis 1930 University of Wichita Wichita Kans 67 p ms

\*1007 Leonard J Paul Practice exercises in teaching capitalization and punctuation Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 78 p (Contributions to education no 372)

A summary of this study is printed in the Journal of educational research '31 186-90 March 1939

Punctuation and capitalization for junior high school levels are taken up in this study Findings The use of practice exercises to teach punctuation and capitalization is an effective and economical method of teaching children to punctuate their own compositions The learning gained is of a permanent nature

1008 Loch Ethel Douglas A comparison of the achievement of rural and urban freshmen of the Cherokee county community high school in the mechanics of composition Master's thesis 1929 University of Kansas Lawrence

1009 Lowrey Sarah Goodwin An evaluation of English texts for non English using adults Master's thesis, 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin '37 324-25 November 1930 (Abstract)

1010 McCall Maude R Minimum requirements for junior high school English Master's thesis 1929 University of Florida Gainesville

1011 McIntire Mary A course of study in written composition for grade 3 Master's thesis 1929 Teachers college Columbia university New York N Y 52 p ms

1012 Manuel Dewey The value of the H. H. Young vocabulary classification test Master's thesis 1929 Indiana university Bloomington 29 p ms

1013 Martin William Henry The writing vocabulary of the pupils of the senior high school Master's thesis 1930 University of Oklahoma Norman 118 p ms

A study to determine the vocabulary of pupils of the senior high school and to compare this vocabulary with other vocabulary lists The 1000 most frequently used words are listed and the frequency placement indicated for each word. These lists are compared with the Thorndike and the Horn lists. There is a rather striking disagreement between the lists In grade 10 the author and Thorndike agree in the first 500 on only 371 words the author and Horn agree on only 241 words in grade 9 the author and Thorndike agree on only 374 words and Horn on only 341 in grade 11 the author agrees with Thorndike on 380 and with Horn on 380 words.

1014. Marye, Mary E. A form for rating textbooks in English composition prepared for the ninth and tenth grades. School review, 38 124-37, February 1930

From textbook analysis questionnaires to English teachers recent courses of study and authoritative opinion was deducted a rating form reflecting the materials and methods which seem at present the most effective to be incorporated in an English composition textbook for the first and second years of high school. The rating form is divided into ten sections each of which contains detailed objective criteria for judging the book. The real value of the scale is in the specific information that results from a critical analysis of a book on the basis of objective criteria and the measuring of its excellence against established standards

1015 Minning, Jeannette Pottenger. A study of general language courses in the junior high school. Master's thesis 1930 University of Cincinnati, Cincinnati, Ohio 57 p ms

In order to coordinate opinion and fact as to the significance of the general language movement in the junior high school, a study was made of the prevalence, actual content and organization value of available textbooks and the probable future of general language courses in the junior high school. Findings. Growth of general language courses has been steady since 1921 and rapid since 1926. The trend is definitely toward the cultural aspect of general language with exploratory and prognostic also secondary. There is little uniformity in organization except that the course is offered in the eighth grade and is most satisfactory when one year in length. The few textbooks available are results of experiments performed in school systems. A number of questions which need further study are indicated

1016 Moran, Anna Mae. Relationship between per cents of different parts of speech used in written compositions and higher mental abilities. 1930 North Carolina state college, Raleigh

Study shows a reliable but low positive correlation existing between the frequency of use of connection and higher mental ability. Boys use more articles than girls while girls use more modifiers than boys. This study was made with the seventh and eighth grade groups in Raleigh

1017 Nash, H. B. and Bush, Fred R. Mastery of minimum essentials in English grammar. Journal of educational research, 21 309-14 April 1930

Describes a program of work carried out in the West Alle Junior high school in order to determine the place and value of grammar in the junior high school.

1018 Neblick, Mary Edith. An investigation of the value of the laboratory method in teaching composition in the ninth grade. Master's thesis, 1930 University of Chicago, Chicago, Ill

An investigation by the comparative method of parallel classes contains a detailed description of methods of the two classes and a statement of results followed by interpretation and pedagogical conclusions

1019 Newkirk, Mary. A case study of the oral language habits of a selected group of young children. Master's thesis, 1930 University of Iowa, Iowa City 179 p ms

1020 Noel, Paul K. A suggested study for the correction of language errors, grades 1-9. Upper Darby high school, Upper Darby, Pa

1021 Norton, Winona M. The skills involved in sentence recognition. Master's thesis [1930] University of Denver, Denver, Colo

Involves an inventory and analysis of the types of difficulties met in sentence formation. Tests were given at 7B 10B and 12B grade levels to determine difficulties in sentence recognition and progress made between these three grades

1022. O'Reilly, Anna E. A study of a public day class in English and citizenship in New York City. Master's thesis 1930 New York university New York N Y 60 p ms

1023. Osburn, W. J. A study of the content of textbooks in English [1930] State department of education, Columbus, Ohio

\* 1024 O Shea, Harriet Estabrooks. A study of the effect of the interest of a passage on learning vocabulary. Doctor's thesis, 1930 Teachers college

Columbia university, New York, N Y New York city, Teachers college, Columbia university, 1930 122 p (Contributions to education no 351)

The subjects for this experiment were children in the fifth sixth, seventh, and eighth grades in public schools. The evidence produced suggests that perhaps the final conclusion should be that mild interest in a reading passage is more favorable to vocabulary improvement than either great or little interest. There were some indications that children ranked closer to their intelligence level in their amount of improvement in vocabulary on a given book as the intensity of their interest in the reading increased

1025 Palmer, L Rosan Language errors in the written composition of rural pupils Master's thesis, 1930 University of Iowa, Iowa City 56 p ms

1026 Parker, Clara May The development of textbooks in English grammar for secondary schools in relation to the Latin tradition a history of method as revealed by textbooks of the sixteenth, seventeenth, and eighteenth centuries Doctor's thesis, 1930 University of Texas, Austin

1027 Parker, Fred B A course of study in twelfth grade English as determined by the use of functional analysis Master's thesis, 1930 University of California Berkeley 40 p ms

1028 Parkman, Mary R A handbook for teachers (to accompany Shepherd Parkman language series) Indianapolis, Bobbs Merrill company, 1929 205 p Methods for vitalizing composition and correct usage teaching in intermediate grades were tested with groups of varying abilities and incorporated in texts entitled Guide book for language 3-4, Language ways 5 and 6, and handbook for teachers

1029 Pavey, Mary Christine Discrimination difficulties in the learning of tense forms in irregular verbs and of case forms of pronouns Doctor's thesis, 1930 University of Chicago, Chicago, Ill

1030 Perryman, Virginia A study in formation of grammar concepts 1930 West Virginia university, Morgantown

1031 Phillips, Alma Wilson The relative importance of French and Latin in English vocabulary Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 178 p ms

1032 Pittsburgh, Pa Public schools Department of curriculum study and research. A study of language errors in grades 9B-12B 1930

1033 Pooley, R C An English course of study for senior high schools based upon ability levels 1929 Colorado state teachers college, Greeley 23 p

This investigation is an attempt to organize a course of study in English for the senior high school which will offer to each student each school year the type of work in English he most needs Part of the problem is in administration, and a part has to do with the curriculum.

1034 Pridem, Florence Editorial practices as criteria for the course of study in capitalization and punctuation Master's thesis, 1930 University of Iowa, Iowa City 121 p ms

1035 Reed, Katherine Marie A diagnostic study of the errors in English in junior high school Master's thesis, 1930 University of Southern California, Los Angeles

1036 Richmond, Ethel Blanche Oral English errors of ninth grade students in the public schools of Hawaii. Master's thesis, 1930 University of Hawaii, Honolulu 74 p ms

Findings Foreign language homes make for poor English good English is spoken by children who have the best chance of getting plenty of practice in speaking it

\*1037 Rivlin, Harry N Functional grammar Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y New York city Teachers college, Columbia university, 1930 93 p (Contributions to education, no 435)

A study was made of the attitudes towards functional grammar held by classroom teachers associations of English teachers, experts on the teaching of English, and writers

of grammar textbooks in order to trace the change in the emphasis placed on functional grammar. It was found that present textbooks stress functional grammar much more than they did 30 years ago.

1038 Rodgers Grace Sater. A critical study of the grammatical errors of junior high school pupils. Master's thesis 1930. University of Southern California. Los Angeles.

1039 Rosenkrans, Edna Lilhan. Progress in sentence building in written composition for the third grade to the ninth grade inclusive. Doctor's thesis, 1929. New York university. New York. N. Y.

1040 Sandlin Montie C. Study of English vocabulary in senior high school. Master's thesis 1930. George Peabody college for teachers. Nashville. Tenn. 91 p. ms.

A study of 100 students in Lauderdale county. Alabama high school. Students fell from one to two grades below national norms.

1041 Schlutius Louise. Vocabulary study. Master's thesis 1930. Washington university. St. Louis. Mo.

1042 Scruggs Mary. A study of the Hurdson typical composition ability scale. Master's thesis 1930. George Peabody college for teachers. Nashville. Tenn. 33 p. ms.

Twelve graduate students were trained according to the directions given by the designer of the scale until they scored each practice exercise within 5 of half a step of the true value. By the use of the Hurdson scale they then scored 275 typed compositions then the original or handwritten of the same composition. Findings: There was a wide range in the scores assigned to the same composition. The averages of the same set of compositions did not agree closely. The scores of the handwritten compositions were given higher scores than the same typed compositions.

1043 Seegers John Conrad. Sentence structure in the free written composition of elementary school children. Doctor's thesis 1930. University of Pennsylvania. Philadelphia.

A study through analytical approach to determine relationship existing between ages, grades and language levels as indicated by sentence structure and use of speech elements.

1044 Sessoms Lillian. A study of the rhythmic element in the language of young children. Master's thesis 1929. George Peabody college for teachers. Nashville. Tenn. 57 p. ms.

1045 Shaw Lena Benham. Social backgrounds as a basis for English expression. Master's thesis 1930. New York university, New York. N. Y. 68 p. ms.

Survey of 327 junior high-school pupils to ascertain if they have anything to write about subjects for oral and written composition. Junior high school pupils studied had over 100,000 subjects of interest to them which could be used as a basis for English expression.

1046 Sherry, Stephen Edward. A critical evaluation of some methods of constructing courses of study in English. Master's thesis 1930. University of California. Berkeley. 54 p. ms.

An evaluation of the methods of constructing courses of study in the San Francisco Bay region in order to determine if they measure up to the criteria for successful course revision as recommended by the statements of curriculum authorities. Findings: Progressive centers in curriculum revision adhere closely to authoritative criteria. In San Francisco Bay region there has been failure to measure up to criteria in revision of courses of study in English.

1047 Shewmaker, Lillian A. English course of study 1930. Wilson teachers college. Washington, D. C.

English course of study for elementary schools.

1048 Siegel Cecile. The teaching of grammar and composition in the junior high school. Master's thesis 1930. Boston university, Boston. Mass.

1049 Simon, Morris L. The play element in language games in the junior high schools. Master's thesis 1930 College of the City of New York New York, N Y 34 p ms

Various games were tried out by pupils in the classroom and by Boy Scouts under informal conditions. Findings Enjoyable games on street are likely to be enjoyable in classroom Many school games were found to be devoid of play elements

1050 Sims, Verner Martin The reliability and validity of four types of vocabulary test. Journal of educational research 20 91-96 September 1929

A checking test the Thorndike multiple-response test and identification test and a matching test were given to 110 children in grades 5 to 8 The reliability of the four tests was equally high but the matching test proved most satisfactory

1051 Smith Helene J Persistence of English errors in the ability grouping of grades 7 to 12 in the South Orange Maplewood schools Master's thesis 1930 New York university New York, N Y

1052 Spaulding, E B A critical study of two methods of testing punctuation Master's thesis 1930 University of Iowa Iowa City 40 p ms

1053 Steinbach, Edna C Use of descriptive adjective with practical suggestions for teaching it. Master's thesis 1930 New York university New York N Y

1054 Stickney George E A critical comparison of two objective methods of testing language usage Master's thesis 1930 University of Iowa Iowa City 122 p ms

1055 Story, Virginia A study of representative language manuals Master's thesis 1930 George Peabody college for teachers Nashville Tenn 98 p ms

An analysis of 15 representative language manuals including objectives content and standards of attainment Findings One third of the manuals contained no statement of objectives and two-thirds no standards of attainment a wide variation of objectives was found

1056 Sullivan Helen J Achievement of North Dakota high school pupils in the minimum essentials of English In North Dakota Department of public instruction Twentieth biennial report of the superintendent June 30 1928 1929 p 40-77

Reprinted

The purpose of this study was to measure the ability of the high school pupils of North Dakota in the use of minimum essentials in English to compare the work of the different classes of schools with each other and with the norms accompanying the test to determine the seriousness of errors and to suggest remedial measures for improvement The results of the study indicate that stress is lacking on drill in mechanics of writing and correct grammatical usage as well as in sentence structure

1057 Summers Audrey M Relation between knowledge of formal grammar and ability in written composition Master's thesis 1930 University of Illinois Urbana 54 p ms

Positive relationship was found to exist

1058 Symonds Percival M and Lee Baldwin Studies in the learning of English expression No 3 Vocabulary Teachers college record 31 50-58 October 1929

In studying the growth of vocabulary usage in written composition it was the purpose of the authors to determine the changes that occur in the use of words as writing becomes more and more mature A table and graph are given to portray the average state of affairs in vocabulary learning

1059 Talbott, E. O English 4 and high school grades. California quarterly of secondary education 5 348-54 June 1930

A questionnaire study was made of all students taking examination A at the University of California over a period of three years Data indicate that there is no significant relationship between high school English grades and the grades of other high school subjects.

1060 Taylor Mrs Rietta S A free association vocabulary of children in grades 2 and 3 Master's thesis 1930 University of Oklahoma Norman 85 p ms

The purpose of this study was to determine the words children use in the second and third grades A free association vocabulary was secured by having children write all the words they could think of in 100 minutes in a booklet with spaces under the letters of the alphabet The study consisted of making a count by grades of the number of running words The 1000 words of highest frequency in each grade were selected and compared with Thorndike's International kindergarten unions and Horn's lists The third grade wrote about twice as many different and running words as the second grade when the number of children were the same in both grades The lack of agreement between the writer's list and the Thorndike International kindergarten union and the Horn lists is very striking especially in the first 100 and 500 words We find a closer agreement between the writer's and the Thorndike list than the Horn list The data indicate that in the total number of words and the placement of words by frequencies the adult lists (Horn and Thorndike) are not valid criteria for the selection of words for children in grades 2 and 3

1061 Texas State department of education A course in English for non English speaking pupils Grades 1-3 Austin 1930 126 p (Bulletin no 268)

1062 Thomas Charles Swain *and others* The art of examining in English [1930] College entrance examination board New York N Y

1063 Thomas Jesse Edward The elimination of technical errors in written composition through formal drill Doctor's thesis 1930 University of Iowa Iowa City 236 p

1064 Townsend George The effect of punctuation on comprehension Master's thesis 1930 University of Pittsburgh Pittsburgh Pa. 49 p

1065 Turney Austin H and Ummel Maud An analysis of frequency of error in grammar and sentence structure among selected junior high school pupils University of Kansas Bulletin of education, 2 14-17 October 1929

Review of a master's thesis bearing the same title by Maud Ummel, University of Kansas 1928 giving a summary of the frequency and percentages of error made in compositions of 348 junior high school students

1066 Van Brussell Martha The grade placement and recurrence of language usage drills in certain elementary language textbooks Master's thesis 1930 University of Iowa Iowa City 95 p ms

1067 Van Buskirk Isalda M Status of special methods courses in English for high school teachers A survey Master's thesis 1930 Ohio Wesleyan university Delaware

Data show the existing situation with recommendations and useful illustrations of courses

1068 Walker, Edyth *The development of methods and courses of study in English in the American secondary school* Master's thesis 1930 Duke university Durham N C

A review of English instruction and content in the secondary schools of America from the beginning in the Latin grammar school together with a study of the present status of English in the secondary school, and a summary of trends

1069 Weber Edith An analysis of 30 high school textbooks in English composition Master's thesis 1930 University of Illinois Urbana

1070 Welsenfiuh Leo A (Scranton Pa) The teaching of English in the public high schools of Pennsylvania [1930]

Findings English teaching is not modern in curriculum or type it is too much dominated by college entrance requirements there is too little evidence of scientific curriculum construction



1071. Willetts, Nora I An experiment for the development of a course of study in ninth grade English Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27: 408-09, November 1930 (Abstract)

1072 Williams, Harold J An evaluation of certain remedial exercises in language teaching Master's thesis, 1930 University of Iowa, Iowa City 24 p ms

1073 Wolfe, Edna and Cassell, Almn Overlapping content in high school and college courses in English and mathematics Master's thesis, 1930 Claremont college, Claremont, Calif

Compares in detail work done by Pomona college freshmen in college and high school Indicates much less overlapping than current opinion leads us to expect.

1074 Woodward, R. D The construction and the application of English grammar units for high school students Master's thesis, 1930 University of California, Berkeley 102 p ms

A study to determine what material shall be included in the grammar study and how it shall be taught Findings The unit method of grammar study, with mastery of fundamentals as its objective is sound and superior to other methods used. Experimental trial proved its merit. Need for thorough revision and re-evaluation of units is shown

1075 Yoke, Helen L A study in creative writing 1930 West Virginia university, Morgantown

See also 320, 351, 580, 647, 651-652 720 1146 1265, 1753, 1763, 1774 1776, 1789, 1823, 1989, 2151, 2150, 2196, 2213, 2362, 2918, 3015, 3092, 3116, 3142

#### ENGLISH LITERATURE

1076 Anderson, Bess Hughes Materials to aid in teaching junior high school poetry Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 162 p ms

1077 Banta, Mrs Edythe Literature for the junior high school 1930 Public schools Oakland, Calif 50 p ms

1078 Broening, Angela M Tests in literary appreciation for the Baltimore junior high schools 1929 Public schools, Baltimore Md. 53 p ms

The application of special testing technique to material being taught in the Baltimore junior high school English course

1079 Caldwell, Nelle Glenn An experimental study on the value of reading poetry Master's thesis, 1929 George Peabody college for teachers, Nashville Tenn 87 p ms

1080 Cassell, Alma Bardina. The overlapping in high school and college literature courses Master's thesis, 1930 Claremont college, Claremont, Calif

1081 Crabtree, Eunice K. A study of the effect of a course in children's literature upon students own literary appreciation experimentally determined in a normal school Doctor's thesis, 1930 Johns Hopkins university, Baltimore Md

1082 DeVore, Emily Creative expression and enjoyment of poetry Master's thesis, 1930 Stanford university, Stanford University, Calif

1083 Fletcher, Mendel S The relative emphasis on authors in histories of American literature Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn 73 p ms

Thirteen American literary histories published since 1000 were examined as to lines illustrations and biographical references given to authors

1084 George, Bert Morse. A definite supervisory outline for the observation of the teaching processes involved in developing appreciation of English literature. Master's thesis, 1930 Stanford university, Stanford University, Calif

1085 Gepharte, Elden Eugene Method of teaching nineteenth century English poets Master's thesis, 1930 University of Wichita, Wichita, Kans. 199 p ms.

1086 Gipson, Frieda Mae Comprehension difficulties in twelfth grade literature. Master's thesis, 1930 University of Chicago, Chicago, Ill

A study of essays and poems typical of twelfth grade by means of administering objective tests to twelfth grade students to determine difficulties of these selections to High school seniors

1087 Hagood, Wendel. A rating of high school literature Master's thesis, 1930 Oklahoma agricultural and mechanical college, Stillwater

1088 Hartley, Helene W Tests of the interpretative reading of poetry for teachers of English Doctors thesis, 1930 Teachers college, Columbia university, New York, N Y New York city, Teachers college, Columbia university, 1930 47 p (Contributions to education, no 433)

This study is concerned with the interpretative reading of poetry as distinguished from appreciative or critical reading Tests were worked out at the teacher training level for use in schools of education and teachers colleges in the preparation of teachers of English

1089 Healey, Gertrude M An experimental study of the part whole method of learning poetry Master's thesis, 1930 College of the City of New York, New York, N. Y. 31 p. ms

Part, progressive part, and the whole methods are compared in effectiveness for each of several grades of the elementary school Findings: The order of effectiveness for most grades is from most to least, whole, progressive part, part. However, variation in effectiveness with grades was noted.

1090 Holaday, Lucille B The construction of a standard sequence of literature selections for Iowa high schools. Master's thesis, 1930 University of Iowa, Iowa City. 40 p. ms.

1091 Horine, Clara Elementary literature, elementary course of study in English 1929 Public schools, Hamtramck, Mich 44 p. ms.

1092 Johnson, Allan A. A test of ability to discriminate between types of metre in poetry Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies, 18.80-81, December 1930 (Abstract)

The object of this investigation was to develop a test which would distinguish between basic abilities of people to sense rhythm in poetry as evidenced by their discrimination between different types of poetical metre The test was given to 80 college students and 80 high school pupils. Data indicate that a dependable measure of rhythmic sense in poetry has been obtained.

1093 Jordan, Kathleen Marie. Tenth grade course of study in literature for low, average and superior groups Master's thesis, 1930 University of California, Berkeley 133 p ms

A course of study was constructed in drama, novel poetry, and prose literature, with outside reading list, for tenth grade students of low, average and superior ability, covering 18 weeks or one semester work.

1094 Landell, Helen Louise. The historical development of the teaching of English literature in American secondary schools Master's thesis, 1930 University of Southern California, Los Angeles.

1095 Lushbaugh, Grace. An analysis of junior high school literary anthologies. Master's thesis, 1929 University of Notre Dame, Notre Dame, Ind.

1096 Marshall, Ruby Bannon. Units of teaching in literature for the first year high school. Master's thesis, 1930 University of Virginia, Charlottesville.

1007 Mary Anna Sister. The value of the legend in literature for children. Master's thesis 1929 University of Notre Dame Notre Dame Ind

1008 Osborn Florence Viola. A study of the literary interests of eleventh grade students in the Lehigh Park (N. J.) high school. Master's thesis 1929 New York University New York N. Y. 81 p

1009 Ralston Edgar A. A study of voluntary expression by twelfth grade high school pupils of books, poems drama and short stories. Master's thesis 1930 University of Iowa Iowa City 151 p ms.

1100 Reich Morris. Present status of experimental studies in high school literature. Master's thesis 1930 College of the City of New York New York N. Y. 72 p ms

Survey of periodicals etc on the subject for the last 10 years.

1101 Roche Sarah L. How literary artists of the 19th century were influenced by current psychology and philosophy in delineating children. Master's thesis 1930 Johns Hopkins University Baltimore Md

1102 Stroud, Jessie R. An application of general method to the teaching of English literature. Master's thesis, 1930 University of Illinois Urbana 239 p ms

The findings in this study indicate that a conscious attempt to apply the principles of method set forth in a well known text on methods of teaching resulted in superior achievement of pupils.

1103 Thomas Mabel. Relationship between certain vocabulary abilities and literature appreciation 1930 North Carolina state college of agriculture and engineering Raleigh

Findings Literature appreciation can be measured according to the criteria used to check on results of these tests of literature appreciation. Positive correlations were obtained between both sentence and rhythm vocabulary abilities and literature appreciation.

1104 Weaver Mrs Margaret Ethel West. A psychological analysis of study aids found in high school editions of classics 1870-1929. Master's thesis 1929 University of Texas Austin.

1105 Williams Ralph R. Extensive reading versus intensive study of literature. School review 37 600-78, November 1929

More than 700 pupils in six ninth grade classes in the Hyde Park high school Chicago Ill. were tested as to their comprehension of the selections read by all the classes as to their memory of the selections read. Improvement in reading comprehension improvement in word knowledge. Stenographic reports of recitations in extensive reading classes and in intensive-study classes were made. Data indicate that extensive reading methods are more effective in achieving the aims of instruction in literature than are intensive study methods.

See also 343 3707-3 58.

#### ANCIENT CLASSICS

1106 Anthony R. E. Anachronisms in Vergil's Aeneid. Doctor's thesis 1930 George Peabody college for teachers Nashville Tenn Nashville ----- George Peabody college for teachers 1930 167 p (Contributions to education, no 71)

1107 Barrett Pauline. Status of Latin in the secondary schools of Texas. Master's thesis 1930 Baylor University Waco Texas 139 p ms

Place of Latin in all affiliated secondary schools in Texas training and experience of teachers the per cent of time given to Latin etc were studied. Findings Latin does not hold its former predominant position among foreign languages in Texas. Many schools are doing work of so poor a quality that credit in Latin can not be obtained.

1108 Boesen Paul John A study in abstract noun suffixes in the late Latin period Masters thesis 1930 George Peabody college for teachers Nashville Tenn 265 p ms

1109 Boggan Shirley Neill Discrepancies between criteria and third semester Latin of the classical investigation Masters thesis 1929 George Peabody college for teachers Nashville Tenn 134 p ms

1110 Connolly Sister Helene du S S An analysis and an evaluation of certain courses of study in secondary school Latin Masters thesis 1930 University of Cincinnati Cincinnati Ohio 85 p ms

A study to investigate what emphasis high school courses in Latin place on the vital connect on between Latin and English the historical and cultural contributions of Latin to literature and life the civic significance of Roman political and social virtues Latin basis of the principal romance languages and possibilities of developing through the study of Latin All the courses of study used in this study recognize the ultimate objectives as valid for high school Latin qualitative offerings of the courses are on a par grade placement of specific objectives coincides with what educators have considered their desirable assignment all courses recognize them as of secondary importance but suitable for high school Latin all courses imply or state that a clear cut line of demarcation between the immediate and cultural aims of Latin study can not be drawn

1111 Dorwart Helen and Nettels Charles H. The Los Angeles junior high school Latin tests Los Angeles educational research bulletin 0 2 5 October 1929

Tests were prepared by a committee of teachers in the junior high schools based on the course of study for the first year a work The six tests were to determine to what extent progressive ability to read and understand Latin is being attained by the students Tests cover reading and derivative work and drill in syntax and forms Tests have been found to be highly reliable and should be of value to junior high school Latin teachers in measuring certain outcomes of Latin instruction

1112 Duerson Mary Stewart An experiment in Latin 4. [1930] Atherton high school Louisville Ky 10 p ms

1113 Englar Margaret T Remedial treatment of 8B Latin pupils 1929 Department of education Baltimore Md 9 p ms

Remedial treatment administered to 15 pupils promoted to a higher grade with deficiencies in Latin A careful analysis was made and suitable remedial work administered resulting in the successful completion of the grade by 12 of the pupils

1114 ——— Seven A Latin in junior high schools Baltimore Md Department of education 1929 36 p

1115 Esser Gilbert F Latin in the preparatory seminary Masters thesis 1930 Catholic university of America Washington D C 93 p ms

1116 Flannagan Mary Agnes A work book for elementary Latin Masters thesis 1929 University of Iowa Iowa City

1117 Hettes Paul W (Scranton Pa) Teaching of Latin in public high schools of Pennsylvania [1930]

Findings Teaching of Latin shows little influence of modern methods and research it is still medieval in type

1118 Hodges Margaret Wiggins. An experiment in the treatment of syntax in conjunction with the translation of Caesar's Gallic war Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 292-93 November 1930 (Abstract)

1119 Hughes Sister Florence Patricia A study of Latin prognosis Masters thesis [1930] Trinity college Washington D C Washington Catholic education press 1930 28 p (Catholic university of America Educational research bulletins, vol. 5 no 5 May 1930)

The present study is an attempt at the improvement of prognosis tests for Latin and thereby an investigation of the factors involved in the learning of this subject

1120 Indiana. Department of public instruction. Indiana Latin word list. Indianapolis [1930?] (Excerpt from Bulletin no 100C)

1121 Irwin Anne Fowler Galus Julius Caesar his literary style and oratory Master's thesis 1930 George Peabody college for teachers Nashville Tenn. 69 p ms

The study of Caesar's style is based on his "Commentarii de Bello Gallico" and extant fragments of his speeches incorporated in the writings of other Latin authors Findings Caesar's style is unlike that of Tacitus or Cicero but it is consistent, terse and eminently suited to his purpose and subject matter It is characterized by purity of diction

1122 Jacob Marjorie. Common English derivatives of high school Latin. Master's thesis 1930 Mercer university Macon Ga 500 p ms

Listings of words in Caesar Cicero and Vergil that afford derivatives within the 10 000 commonest English words The Latin words are based on an analysis of Latin words reported in Lodge's Vocabulary of high school Latin the English word list used is Thorndike's word book Statistical study shows the relations between the Latin roots derived from Lodge's list and those contributing to the words in the Thorndike list.

1123. Lawrence Lillie M. and Raynor N F Latin 1 2 New York, American book company 1929-1930 2 v

A study of textbooks in Latin which express progressive trends and practice in the choice and organization of curriculum materials and provision for individualized practice and study These texts observe the results of recent investigations on the determination of vocabulary in Latin

1124 May Marcum Beeler Pliny's "Letters" books 1-9 as a source for Roman private life Master's thesis 1930 University of Chicago Chicago Ill.

1125 Miller Belle Virginia. A study of the ability of Latin students Master's thesis 1929 University of Denver Denver Colo 68 p ms

A study of 464 Latin pupils all graduating from Denver high schools in June 1928 Data were obtained from permanent record of class work and from two tests Terman group test and the Iowa high school content examination Findings Pupils who elect Latin are above the average in ability and the IQ of those who continue Latin for three or four years is higher than that of those who drop the study English and Latin have a fairly good correlation.

1126 Moore Vera. An analysis of the contents of the second year Latin course Master's thesis 1929 University of Iowa Iowa City

1127 Morris Mittie Louise High school lessons for derivation work in Latin scientific terms Master's thesis, 1929 George Peabody college for teachers, Nashville Tenn. 377 p ms

1128 Phares Strader Traditional method versus reading method of teaching Latin 1930 West Virginia university Morgantown.

1129 Pietsenpol Elizabeth Gezel. Retardation in Vergil's Aeneid. Master's thesis 1930 University of Iowa Iowa City

1130 Smith Nellie Angel The Latin element in Shakespeare and the Bible An analysis of the several languages represented in the vocabulary of Shakespeare and the King James version of the Bible Vols 1 2 Doctor's thesis [1929?] George Peabody college for teachers Nashville Tenn Nashville Tenn George Peabody college for teachers 1929 2 vols (Contributions to education no 32)

The main purpose of this study is to find what proportion of the basic vocabulary of Shakespeare and the Bible is of Latin origin Volume 1 gives the collected data showing the words of the King James version in alphabetical order with their first occurrence in the Bible number of occurrences derivations, first occurrence in Shakespeare and number of occurrences the Thorndike source credit, and if of Latin derivation the sources for their study as found in Lodge's Vocabulary of high school Latin Volume 2 gives the collected data showing the words of Shakespeare which are not found in the Bible arranged in alphabetical order giving the same information as recorded for the words in volume 1

1108 Boesen, Paul John A study in abstract noun suffixes in the late Latin period Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 265 p ms

1109 Boggan, Shirley Neill Discrepancies between criteria and third semester Latin of the classical investigation Master's thesis, 1929 George Peabody college for teachers Nashville Tenn 134 p ms

1110 Connolly, Sister Helene du S S An analysis and an evaluation of certain courses of study in secondary school Latin Master's thesis, 1930 University of Cincinnati, Cincinnati Ohio 85 p ms

A study to investigate what emphasis high school courses in Latin place on the vital connection between Latin and English the historical and cultural contributions of Latin to literature and life the civic significance of Roman political and social virtues Latin basis of the principal romance languages and possibilities of developing through the study of Latin All the courses of study used in this study recognize the intimate objectives as valid for high school Latin qualitative offerings of the courses are on a par grade-placement of specific objectives coincides with what educators have considered their desirable assignment all courses recognize them as of secondary importance but suitable for high school Latin all courses imply or state that a clear-cut line of demarcation between the immediate and cultural aims of Latin study can not be drawn

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1131 Sprinkler Bessie Mildred. An examination of the metamorphoses of Ovid with reference to its appropriateness for teaching in secondary schools. Master's thesis 1930 University of Southern California Los Angeles

1132 Taber Gertrude J. A study of errors in first year Latin. University of Pittsburgh school of education journal 5 101 107 March 1930

A study was made of the frequency and persistence of certain common errors in first year Latin. One thousand and thirty nine errors were collected by means of five objective tests given to a group of ninth grade pupils in Cochran Junior high school Johnstown Pa.

1133 Westby George O. What is the best testing technique for measuring acquisition of a Latin vocabulary. Master's thesis 1930 University of Iowa Iowa City 73 p ms.

See also 645 1031

#### MODERN LANGUAGES

1134 Bagster Collins E. W. History of modern language teaching in the United States. New York Macmillan company 1930 96 p (Studies in Modern language teaching Publications of the American and Canadian committees on modern languages vol 17)

Gives an account of modern foreign language teaching in schools and colleges from colonial to modern times.

1135 Berman Abraham A. A comparison of the content and amount of reading material in modern foreign language work in the American and German secondary systems. Master's thesis 1930 College of the City of New York New York N Y 73 p ms.

Survey and evaluation of English reading texts used in Germany and German reading texts in the United States.

1136 Betts G. H. and Kent R. A. Foreign language equipment of 2375 doctors of philosophy. Bloomington Ill. Public school publishing company 1929 151 p (Northwestern university Contributions to education School of education series no 2)

The findings of this study reveal great variation in attitude shown by different individuals in every field and the active nature of the problem. In no field except the languages was there anything like unanimity in the belief that the language requirements were necessary.

1137 Feldman Estelle E. Evaluation of a junior high school course in foreign languages. Master's thesis 1930 Yale university New Haven Conn.

1138 Indiana Department of public instruction. Tentative course of study in modern languages for the secondary schools in Indiana. Indianapolis 1930 (Bulletin no 100C2.)

1139 Kaulfers Walter Vincent. A comparative study of the intelligence of beginners in college foreign language. School and society 31 743-750 May 31 1930.

The intelligence quotients of 344 students who enrolled in beginning classes in German French and Spanish in the Long Beach Junior college during the fall semester of 1929 were studied. The Spanish students rank lowest of the three groups considered.

1140 ——— Effect of mental age on foreign language achievement. Journal of applied psychology 14 257-68 June 1930.

The primary purpose of the report was to analyze certain fundamental tendencies in the trend of mental influence upon foreign language achievement. Data indicate that the MA rather than the IQ should be taken as the basis for grouping beginning foreign language students and that classification beyond the first semester should be on the basis of ability acquired in the language itself as measured by teachers marks and objective test scores.

1141 Lamberton Mary. A critical evaluation of the techniques of diagnostic objective tests in foreign languages. Master's thesis 1930 University of Southern California Los Angeles.



1142 Quandt, Maymie A scientific word list for first year German grammar Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 62 p ms

A study of 45 vocabulary lessons for first year German grammar based on 2402 most frequently used words in German writings

1143 Rutledge, R E *Classification of foreign language students in senior high school* 1930 Public schools, Oakland Calif 2 p ms

An analysis of the validity of achievement tests in French and Spanish for sectioning students in advanced language courses

1144 Symonds, Percival M A foreign language prognosis test Teachers college record 31: 540-56, March 1930

1145 Van Tassel, Richard Julian *Prognosis in modern foreign language study* Doctor's thesis 1930 University of Wisconsin, Madison

1146. Werner, O H The influence of the study of modern foreign languages on the development of desirable abilities in English New York, Macmillan company, 1930 48 p (Studies in modern language teaching, Publications of the American and Canadian committees on modern languages vol 17)

Report on a survey of 1000 high school pupils and 440 college students some of each group studying modern foreign languages and some not taking any foreign language Findings The study of modern foreign languages aids materially in speed and comprehension in reading and language, but not in punctuation, sentence structure or vocabulary, (2) pupils and students with high IQs profit from modern foreign language study in speed of comprehension in reading in sentence structure language grammar, and vocabulary With pupils of low IQ the reverse condition prevails Apparently the study of modern foreign languages improves abilities in English only if the pupil has a normal or high IQ

See also 646, 3142

#### FRENCH

1147 Alberson, Hazel Stewart. A two-year curriculum in French for the Buncombe county high schools 1930 Duke university, Durham N C

Report of the result of a three years experience in curriculum making in Buncombe county with an evaluation of the curriculum finally set up

1148 Brokenshire, Melville C Direct methods work in French Master's thesis, 1929 Teachers college, Columbia university, New York, N Y 91 p ms

1149 Broom, M Eustace and Brown, L P. A silent reading test in French California quarterly of secondary education, 5: 71-76, October 1929

1150 Cochran, Grace Preparation of French reading material for first year high school Doctor's thesis, 1930 University of Iowa, Iowa City 124 p ms

1151 Haft, William S The trend in elementary French texts during the last 50 years Master's thesis, 1930 College of the City of New York New York, N Y 73 p ms

Includes a critical review analysis and comparison of the principal texts used in the United States. Changes in method and content are noted

1152 Hill, Margaret E and Harry, David P, jr Cleveland unit tests in first year French 1930 Western Reserve university, Cleveland Ohio 51 p ms

Test covers the first three semesters of French based on "Cours Pratique" by Dr de Sauze

1153 Malcolm, Maud G A survey of idioms found in texts in the second and third years of French in the high school Master's thesis, 1930 New York state college for teachers Albany

1154 Minish, Juanita S Giles. A gradation of six French texts. Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 65 p ms

The following French texts were ranked on an ascending scale of difficulty *Le Voyage de M. Perrichon*, *Le Bourgeois Gentilhomme*, *Madame Thérèse*, *Mlle. de la Seiglière*, *Sans Famille*, and *Pêcheur d'Islande*.

1165 Crider, Blake The corrective value of repeated translations School review, 37 771-79 December 1929

Three classes of first year Spanish in Albion college Albion Mich comprising 97 students were given experiments to discover the corrective value of repeated translations. One class translated each of nine selections once another, twice and the third class three times Data indicate that intensive translation is not advisable

1166 Edwards, Ethel Estelle The knowledge of Spanish history, geography, literature and institutions possessed by high school seniors who have studied Spanish in comparison with those who have not. Master's thesis 1929 New York university, New York, N Y 35 p

1167 Hood Helen Vander Veer A report on the American council Spanish test as used with BIO Spanish classes 1930 Public schools, Alhambra, Calif 2 p ms

1168 Hornbuckle, Gracie Mae Laboratory exercises for Espinosa and Allen's Beginning Spanish Masters thesis 1930 George Peabody college for teachers Nashville Tenn 73 p ms.

Based on vocabulary and grammar found in Espinosa and Allen's Beginning Spanish

1169 Kaulfers, Walter Vincent Effect of the IQ on the grades of 1,000 students of foreign languages School and society, 30 163-64 August 3, 1929

One thousand and seven pupils of varying degrees of intelligence distributed through eight semesters of Spanish in 18 junior and senior high schools of San Diego and Los Angeles were studied. Data of the study show a very consistent rise in average achievement for every substantial increase in intelligence. In general, the boys require an intelligence quotient approximately ten points higher than that needed by the girls to achieve the same grade averages in Spanish.

1170 King, Roberta Walton Achievement tests in elementary Spanish Masters thesis, 1930 George Peabody college for teachers Nashville Tenn 102 p ms

New type tests were based on First Spanish course by Mills and Ford Findings Since there is a great mass of details to be mastered in learning a modern language it is believed that tests should be given frequently

1171 Marshall, Robert E. The direct method of teaching Spanish Masters thesis 1930 George Peabody college for teachers, Nashville, Tenn 53 p ms.

A study was made of 78 students for nine months Findings The direct method is superior to the grammatical method.

1172 Nunemaker, J Horace The teaching of Spanish grammar 1930 State college of Washington, Pullman Hispania, 12 79-82

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#### MATHEMATICS

1173 Bakst, Aaron Mathematics required for a first course in college calculus. Master's thesis 1930 Teachers college, Columbia university, New York, N Y 30 p ms

A one year course in calculus (based on best books) Analysis from the point of the application and usage of algebra geometry and trigonometry

1174 Boswell, Alger V The predictive value of Northwestern's entrance examinations in mathematics for college freshmen as to their mathematics achievement and average general achievements in their first year at the school Masters thesis 1929 Northwestern university, Evanston, Ill.

1175 Boyce, George A. Applying to mathematics the modern ideas of educational science Nations schools 4 67-72 August 1929, 58-62, September 1929, 67-71, October 1929

In this series of articles the author takes up the philosophical and psychological principles that govern the teaching of mathematics and shows how they can be applied to actual teaching practice

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1156 Rogal Abraham The frequency of error in representative grammatical constructions in first term high school French Master's thesis 1930 College of the City of New York New York N Y 115 p ms

Frequency of error lists were constructed from those having had a previous foreign language and those who have not. Findings While pupils having had a previous foreign language are generally superior the superiority can not be ascribed to any particular elements

1157 Ruffin Ruth Carolyn New type tests in elementary French. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 148 p ms

Two tests were given on each of the first 70 lessons of *De Sanze a Coura Pratique de Français* Findings Due to numerous details in the study of a language varied types of tests are necessary to determine the needs of students

1158 Sammartino Peter A standardized test in modern languages *Journal of educational research* 20 231-33 October 1929

An explanation of the Sammartino Krause standard French test, published by the Public School Publishing Company Bloomington Ill.

1159 Seibert Louise C An experiment on the relative efficiency of studying French vocabulary in associated pairs versus studying French vocabulary in context. *Journal of educational psychology* 21 297-314 April 1930

An experiment was performed with a group of 60 college students in second year French to find the relative value of four different methods as far as vocabulary learning is concerned. The method of learning vocabulary by associated pairs is superior to the other methods tried in the experiment

1160 Stoddard George D An experiment in verbal learning *Journal of educational psychology* 20 452-57 September 1929

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1161 Vincent Gladys Type of drill in three French grammars. 1930 West Virginia university Morgantown

1162 Williams Frances Elizabeth Scaled achievement tests in first year French grammar Master's thesis, 1929 George Peabody college for teachers Nashville Tenn 81 p ms

1163 Wolfner Bessie J Work of individual students of French with teacher supervision Master's thesis 1930 New York university New York N Y

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#### SPANISH

1164 Campbell Myrtle Thompson Realia of story lessons for use in first and second year classes of Spanish in high school Master's thesis 1929 University of Colorado Boulder 110 p ms

Collection of story lessons for study of Spanish grouped into 16 historical periods of Spain Findings These lessons aid in the knowledge of and sympathetic interest in Spain

1165 Crider, Blake The corrective value of repeated translations School review, 37 771-79, December 1929

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1176 Brokaw, Mrs Dorothy Jim Contributions of David Eugene Smith to teaching of elementary mathematics Masters thesis 1929 University of Texas Austin

1177 Champion William Perry The reorganization of mathematics in the junior and senior high schools of Alabama Masters thesis 1929 Alabama polytechnic institute Auburn

1178 Culpepper E P A quantitative analysis of texts for college freshmen mathematics Masters thesis 1930 George Peabody college for teachers Nashville Tenn 59 p ms

Findings A course in mathematics should meet the needs of the students who take only one year in college and those who continue their study The course should be limited to the elementary principles of geometry algebra elementary functions of graphs trigonometry logarithms and exponents theory of measures differential calculus integral calculus progressions and general introduction and review

1179 English Zoe L A course of study for mathematics in the junior high school Masters thesis 1929 Indiana state teachers college Terre Haute 123 p ms

Analysis was made of 12 sets of books published since 1923 for mathematics for the junior high schools showing topics treated number of pages treating each topic number of problems under each topic and the part of the book in which it was found. There was a wide variation in topics treated and a greater range in the number of pages and the number of problems under each topic Analysis was made of one state and nine city courses of study for junior high school mathematics Findings Pupils should be given opportunities to investigate various fields of mathematics in order to discover special abilities in these lines New courses include wide range of subject matter

1180 Entz, John Alvin Provisions for securing and maintaining computing skills in the fundamental operations as found in junior high school mathematics test books from 1916 to 1928 Masters thesis 1929 New York University, New York N Y 61 p ms

1181 Garrett J A The development of the fundamental concepts of calculus Masters thesis 1930 George Peabody college for teachers Nashville Tenn 96 p ms

A history of the infinitesimal calculus up to and including Lagrange Findings The fundamental concept of the infinitesimal calculus is that of limits

1182 Gerberich J R Sectioning and prediction in first year mathematics. [1930] University of Arkansas Fayetteville 4 p ms

All engineering freshmen entering in September 1929 were given an aptitude and training examination in mathematics Students in the lowest quarter of the test were required to take a special course There is a high correlation between the mathematics examination and semester grades in algebra which is sufficient evidence of predictive power The correlation coefficients indicate a predictive power which is exceeded only in a very small percentage of prognostic examinations

1183 Hald Helen F Arithmetical and algebraic processes at sources of student difficulties in university courses Masters thesis 1930 University of Nebraska Lincoln

1184 Hall, Mrs Elizabeth L Tentative courses of study in senior high school mathematics tenth year Rochester N Y Board of education 1929

1185 Hay, Robert Louis A study of the correlations between reasoning and skill in arithmetic and progress in algebra geometry and chemistry Masters thesis 1929 University of Kansas Lawrence

1186 Haynes Euphemia L Historical development of tests in elementary and secondary mathematics. Masters thesis 1930 University of Chicago Chicago Ill 92 p ms

A study of tests in arithmetic algebra and geometry between 1900 and 1930

1187 Henderson, Joseph Lindsey Materials and methods in junior high school mathematics 1930 University of Texas Austin

1188 Indiana Department of public instruction Chart showing expected outcomes in mathematics in Indiana schools, grades 1-9 Indianapolis [1930?]

1189 ——— Tentative course of study in mathematics for elementary grades Indianapolis 1929 70 p (Bulletin, no 107B)

1190 ——— Tentative course of study in mathematics for Indiana schools, grades 1-6 Indianapolis, 1930 138 p (Bulletin, no 107B-107 rev)

1191 ——— Tentative course of study in mathematics for Indiana schools, grades 7-9 Indianapolis, 1930 90 p (Bulletin, no 107B-107 rev)

1192 ——— Tentative course of study in mathematics for secondary schools Indianapolis, 1930 (Bulletin, no 100D rev)

1193 Jones, Mabel Buntou History and development of the graph in secondary mathematics Master's thesis, 1930 University of Chicago, Chicago Ill

Influences leading up to the introduction of graphical representation in secondary mathematics development as shown in textbooks, and trends indicated in current literature were studied.

1194 Ketracofe, G R. A partial analysis of the learning difficulties in first year high school mathematics Master's thesis, 1929 University of Virginia Charlottesville

A study of the most frequent type of difficulties that pupils in first year algebra encounter is presented in this investigation. The order of difficulty for the various skills of nine different learning situations was determined and remedial suggestions offered.

1195 Linger, Ruth Construction of a standardized test in general mathematics 1930 West Virginia university, Morgantown

1196 Long, Irma Bernita A comparison of two methods of instruction in seventh grade mathematics Master's thesis 1929 University of Kansas Lawrence 43 p ms

Review by F O Russell in University of Kansas bulletin of education, 2 21-24, December 1929

Forty two students were studied experimentally to discover the relative superiority of individual instruction

1197 Long Beach, Calif Public schools Department of research Report of mathematics inventory test given in grades 7-14 on December 2 1929 4 p ms

The following conclusions are drawn from this study (1) Boys and girls appear to be equal in mathematical achievement through the ninth grade. After that time there is a marked superiority among the boys probably due to the fact that twice as many boys elect mathematics (2) the correlation between the number of semesters of mathematics taken and the mathematics test scores on the twelfth grade level with 70 unselected cases was + .300, (3) the correlation of + .300 as noted above shows that senior high school mathematics contributes very little to the knowledge of mathematics useful in life in general. Further proof is shown by the flattening of the curve in the tenth grade. It may also be pointed out that the increase in median score may be no more than the increase to be expected because of the elimination of lower grades of ability.

1198 Mary Winifred Sister Survey of mathematics courses in state teachers' colleges as revealed by catalogues Master's thesis, 1929 University of Notre Dame, Notre Dame, Ind

1199 Morse Arthur William The amount of mathematics used in leisure time Master's thesis, 1930 Boston university, Boston, Mass

1200 Newsom Myra Hehner On some phases of the history of mathematics used in the elementary schools Master's thesis, 1929 University of Iowa, Iowa City



1201 Peach Harry A What skills in mathematics are necessary in order that a student may do the mathematics required by some colleges in the first year of a course leading to a B A degree Masters thesis 1929 New York university New York N Y 90 p

1202 Perry Martha Viola A survey of mathematics curricula offered by teachers colleges Masters thesis 1929 George Peabody college for teachers Nashville Tenn 53 p ms

1203 Pletenpol H. W A comparison of the content in unified mathematics texts for a freshman college course with that in sequential courses in algebra trigonometry and analytic geometry Masters thesis 1930 University of Iowa Iowa City 108 p ms.

1204 Pugh Mary M Investigation of mathematical skills and knowledge needed by pupils in the seventh and eighth grades. Masters thesis 1930 University of Cincinnati Cincinnati Ohio 62 p ms

The purpose of this study was to discover the mathematical skills and knowledges (a) that will teach the pupil to solve his problems logically and accurately (b) that will guide him so that he will be better prepared to choose future mathematical courses (c) that will aid in preparing him for his life work The findings show that mathematics of the seventh and eighth grades should be general basic and practical It was found that mathematical knowledge acquired at this period is necessary in life situations It can be correlated with English geography history civics hygiene Its value has been shown in connection with junior high school activities While this subject is not all rounded It is used in more everyday situations than superficial thinkers realize

1205 Quirk Margaret Germaine The development of appreciation units in secondary mathematics Masters thesis, 1930 Boston university, Boston Mass.

1206 Rembert, Henry Linwood The teaching of mathematics in the high schools of Maryland Masters thesis 1930 University of South Carolina Columbia

1207 Schwartz William H Values and uses of prognostic tests in mathematics in secondary schools Masters thesis 1930 New York university New York N Y

1208 Sheets, Clarence A A critical study of the reliability of the first eight tests in the compass series Master's thesis 1930 University of Iowa Iowa City 117 p ms

1209 Smith John Elliot Related mathematics for the electrical trades. Master's thesis 1930 Pennsylvania state college State College. 81 p ms

A course of related mathematics of less than college grade and for persons over 14 years of age who are preparing for the electrical trades as wiring for light and power armature winding and maintenance and testing or who have entered upon the work of one of the electrical trades or industrial pursuits Findings The related mathematics for the electrical trades should be rather general with special emphasis on a good foundation in principles of arithmetic The geometry should deal principally with constructions the algebra should deal with simple equations and transposition of formulas in addition to the four fundamental operations The work in trigonometry should consist primarily of the solution of right and oblique triangles with the theory that is necessary to work problems of this type

1210 Splann, Carolyn Pike Curriculum and methods for ninth grade general mathematics Master's thesis 1930 University of Southern California Los Angeles

1211 Stokes, C N Sustained application in ninth grade mathematics Journal of educational research 21 364-73 May 1930

The purpose of this study was to determine the nature and status of the study habits of 92 ninth grade pupils under a directed study program in general mathematics

1212 Thorngate Vesta M Departmental leadership in mathematics in high school Masters thesis 1930 University of Nebraska Lincoln Educational research record (University of Nebraska) 2 9-14 October 1929

Analysis of 109 departments of mathematics in cities of 30 000 or more people

1213 Tinkham Catherine Almon Requirements and organization of courses in mathematics for the ninth and tenth years in the high schools of California Masters thesis 1930 University of Southern California Los Angeles

1214 Trueblood Clifford Emmett Technique of instruction and comparative results for classes of 100 in mathematics Masters thesis 1930 Butler university Indianapolis Ind

A technique for teaching large classes in mathematics was evolved The results obtained were compared by the department with those obtained in the small classes

1215 Winegardner James Henry The relation of success in mathematics to success in physics and chemistry in high school Masters thesis 1930 Stanford university Stanford University, Calif

1216 Ziegenfuss George Raymond. An evaluation of methods of predicting school success in mathematics Masters thesis 1929 University of Southern California, Los Angeles 97 p National education association Department of secondary school principals bulletin 34 80-22 January 1931 (Abstract)

This study is an attempt to evaluate the different methods used in advising certain students concerning their continuance in mathematical studies and to determine mean offering practical possibilities of predicting future achievement in algebra and geometry Analysis was made of various procedures followed in Lincoln high school in giving pupil guidance in mathematics and of answers to questionnaires on procedures followed in 99 of the other high schools of Los Angeles

See also 72, 646 1073 1399 1401 1405 1440 1475 1495 1510 1989 2184 2211 2213 2010 3131 3143 3570 3908 4458

#### ARITHMETIC

1217 Adams Roy Edgar A study of the comparative value of two methods of improving problem solving ability in arithmetic. Doctor's thesis 1930 University of Pennsylvania Philadelphia Philadelphia Pa University of Pennsylvania 1930 68 p

An experiment with public school pupils of grades 3 and 4 to determine the relative value of two methods of instruction in solving problems in arithmetic with special consideration of the effect of detailed analysis upon pupils problem solving ability

1218 Bates William Zole The effect of organized drill on improvement in reasoning ability in arithmetic Master's thesis 1929 University of Colorado Boulder 43 p ms

Standard tests were given to 171 elementary pupils during the year 1928-1929 for intelligence and achievement levels followed by objective drills Findings (1) Different kinds of ability were measured by the different tests (2) pupils should gain from 13.8 to 148.5 per cent in the four grades (3) gain in number of exercises solved 130 to 167.8 per cent for the grades (4) gain due to drill was approximately one-half school year

1219 Brownell William A Remedial cases in arithmetic. Peabody journal of education 7 100-107 September 1929 147-55 November 1929 208-17 January 1930 290-98 March 1930 362-72 May 1930

The first of this series of articles gives a detailed statement of the purpose of these reports the general procedure employed a description of the tests used and the point of view and theory of teaching and learning which determined the nature of the remedial instruction Each of the other articles presents a case study of a child who was having difficulty in arithmetic Case 1 is by Mary L. Gabbert case 2 by Roy Evans case 3 by Mattie S. Trousdale and case 4 by Willie F. Whitson

1210 Brueckner L J A diagnostic chart for determining the supervisory needs of teachers of arithmetic. *Elementary school journal* 30 96-107 October 1929

The diagnostic chart included in the article is designed to assist the supervisor to determine instructional needs in order that the supervisory program may be intelligently directed. The intelligent use of such a chart will tend to free the individual supervisor from personal bias and prejudices.

1221 Buckingham B R How much number do children know? *Educational research bulletin* (Ohio state university) 8 279-81 September 11 1929

Gives the results of a study of 1358 children in grade 1 to find out if the children entering grade 1 are ready for the teaching of number. Sixty per cent of these children could count through 20. Fifty per cent of these six year-olds knew half the addition combinations when they entered the first grade.

1222 Buswell Guy Thomas Summary of arithmetic investigations (1929) *Elementary school journal* 30 766-75 June 1930

The annotated bibliography of investigations of the methods and results of teaching arithmetic represents the publications for 1929 which are worth serious study by all sorts of education. The subjects treated most frequently were diagnostic and remedial teaching, problem solving, curriculum construction, and supervision of methods.

1223 Carson T E and Wheeler, L R. Rehabilitation in arithmetic with college freshmen. *Peabody journal of education* 8 24-27 July 1930

An experiment was conducted at the East Tennessee state teachers college to determine the arithmetical status of the freshmen at the beginning of the fall quarter of 1929. One hundred and sixty three freshmen took the Woodruff McCall's mixed fundamentals in arithmetic forms 1 2 3 and 4 tests. Remedial classes were conducted for the 61 students who were below the eighth grade standard until they showed by passing tests that they had reached the standard.

1224 Chapin Mamie Gertrude Grades obtained in arithmetic in grades 6 and 7 in four types of schools. Master's thesis, 1930 University of Chicago Chicago Ill.

1225 Chase V E The diagnosis and treatment of some common difficulties in solving arithmetic problems. *Journal of educational research* 20 34-42 December 1929

A common cause of difficulty in solving verbal problems was found to be insufficient mastery of the fundamentals. Failure with the combinations involving 7 8 and 9 were frequent. Of the fundamental processes division presented the most difficulty.

1226 ——— How Fordson children perform with specific types of arithmetic problems. 1929 Fordson public school Dearborn Mich. 16 p ms. (Bulletin no. 33)

Detailed analysis of how children perform with specific types of problems. Much improvement resulted from placing detailed findings in teachers' hands.

1227 Ching J Frederic An arithmetic work book for grades 3 and 4. Oakland Calif. Public schools 1929 4 books. (40 p ea.)

Practice exercises in drill materials based on the Oakland course of study.

1228 Christoff Minnie Louise. A comparative study of the scores made by three levels of eighth grade arithmetic students of Central junior high school of Kansas City Kans. Master's thesis 1929 University of Kansas Lawrence

1229 Christofferson H C Arithmetic and college freshmen. *Journal of educational research* 21 78-80 January 1930

Gives the results of a study undertaken to show the ability of college students in arithmetic at the beginning of the first semester of college work and at the end of two months' work as measured by the Monroe survey test.

1230 ——— College freshmen and problem solving in arithmetic. *Journal of educational research* 21 15-20 January 1930

From a study of 99 college freshmen it is concluded that college freshmen upon entrance have about eighth grade ability in problem solving.

1231 Connor, W L Kindergarten achievement testing in arithmetic 1929 Board of education, Cleveland, Ohio (Bulletin no 6)

1232 ——— Progress in reasoning in arithmetic in junior high schools 1929 Board of education Cleveland, Ohio (Bulletin, no 46, January 1929, Bulletin, no 12, September 1929)

1233 Cowen, Zoe The relation between arithmetical ability and intelligence Masters thesis 1929 George Peabody college for teachers, Nashville, Tenn 36 p ms

1234 Dale, George A. Use of modified course of study in arithmetic for border line children Master's thesis [1930] University of Iowa Iowa City

In several classes of grades 4 to 6 groups of children with borderline mentality were given instruction in arithmetic according to a modified course of study Results were measured by Denver curriculum tests and compared with data from corresponding control groups using the regular Denver course of study in arithmetic

1235 Davidson, Frank Howell Some results of organized drill in arithmetic grade 8-B Master's thesis 1929 University of Colorado Boulder

A study was made of the use of Stone-Hopkins Brown field arithmetic drills in 8-B grade on two classes, one class was given drills twice a week the other used the regular text Findings Group using drills made gain of approximately half a grade in a period of eight weeks or one-half of a semester

1236 Deakin, Ora Ethel Effect of organized drill on success in arithmetic Master's thesis, 1929 University of Colorado Boulder 40 p ms

A study to determine the result of organized drill on two groups and its effect on fundamentals and reasoning in arithmetic Findings Group using drills made twice the per cent gain as that made by group not using drills 100 per cent gain in fundamentals was three times that of reasoning

1237 Denver, Colo Public schools Courses of study in arithmetic and reading for the slow learning Elementary school, grades 1-6 1930 209 p (Course of study monograph no 29)

This monograph deals with the classification of pupils for differentiated courses of study course of study in arithmetic and reading for the borderline child remedial work etc Contains a bibliography

1238 Dickeman, F A Supervisory needs of teachers of arithmetic Master's thesis 1930 University of Minnesota, Minneapolis

1239 Erdman William A Correlation between the mastery of the skills in the fundamentals and reasoning ability in arithmetic Master's thesis 1929 University of Kansas Lawrence

1240 Froberg, J A The effect of courses in 'The teaching of arithmetic upon arithmetic skills Journal of educational research 21 74-77, January 1930

Conclusion The courses in the teaching of numbers and the teaching of arithmetic given in the teachers colleges have a positive effect upon the arithmetic skills of the students enrolled in them The effect however is insufficient to overcome the initial arithmetic disabilities in many students.

1241 Glover, Mary Corinne A study of the value of projects in intermediate arithmetic Master's thesis, 1929 George Peabody college for teachers Nashville, Tenn 38 p ms

1242 Gordon, Ruth Eunice Methods of teaching problem solving in junior high school arithmetic Master's thesis 1930 University of Southern California Los Angeles

1243 Greene Harry A A critique of remedial and drill materials in arithmetic Journal of educational research 21 262-76 April 1930

References p 274-76

The experimental and documentary evidence summarized in this report serves to make clear certain issues involved in the development and use of arithmetic drill The data show that the drill must be constructed to fit a particular purpose and type of use

1944 Guiler Walter Scribner *Improving computational ability* Elementary school journal 30 111 16 October 1929

A remedial program in computation was conducted in a seventh grade classroom in the public schools of Cedarville Ohio. A preliminary survey of the class was made to determine the pupils weak in computation. Group and individual needs of pupils below the standard for their grade were diagnosed. Types of errors were determined. Individual needs and difficulties dictated the course of remedial instruction which consisted in reteaching and in abundant practice. Work was administered as individualized group instruction. The test given at the end of the 1<sup>st</sup> week period showed a marked improvement for the group as a whole. Pupils varied greatly in amount of individual improvement.

1245 Hagan Forrest P. *An objective appraisal of illustrations in eighth grade arithmetic texts*. Master's thesis 1930 University of Iowa Iowa City 128 p ms

1246 Haller Paul William *The value of the arithmetic work books in teaching arithmetic in grades 4 to 7 inclusive*. Master's thesis 1930 Indiana university Bloomington 43 p ms

1247 Hardin James R. *A study of the relationship between mental ability and achievement in arithmetic between mental ability and reading ability and between reading ability and achievement in arithmetic*. Master's thesis 1929 University of Kansas Lawrence

1248 Holt Harvey Julius *The metric versus the English system of measurement in the teaching of arithmetic*. Master's thesis 1930 University of California Berkeley 43 p ms

The purpose of the study was to make a detailed comparison of the nature and amount of subject matter involved in the teaching of measurement tables and problems in arithmetic under the metric and English systems and to find out how much time if any could be saved by using the metric system. Findings: At least 10 per cent of the time now used in the classroom on arithmetic could be saved by the substitution of the metric for the English system of measurement since 10 per cent of the total number of problems now found in arithmetic textbooks in the United States could be eliminated and the number of figures and operations required to solve the average problem could be reduced by 40 per cent.

1249 Hoskins Mary Catherine *A comparison of two methods of solving linear equations*. Master's thesis 1930 University of Chicago Chicago Ill

1250 Hove E Marie *The teaching of the quadratic equation*. Master's thesis, 1929 University of Iowa Iowa City

1251 Howard Virginia Worsham. *Children's experiences in third grade arithmetic problems*. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 156 p ms

*An analysis and comparison of problem content as related to children's experiences*. Study based upon two third grade arithmetic textbooks and original problems from third grade children. There is a degree of similarity found in the problem-content of the three sets of problems. There is a high degree of variation in the frequency with which the different types of activities occur in the three sets of problems.

1252 Hyatt Ada V. *The use of arithmetic by third grade children*. Master's thesis, 1930 Ohio state university Columbus 50 p ms

Personal interviews with seven third grade children covering a period of eight months, showed that children have outside experiences which, if utilized will give necessary training in arithmetic with few if any textbook problems.

1253 Indiana Department of public instruction. *Chart of drill materials in arithmetic*. Indianapolis [1930?]

1254 ———— *Syllabus for commercial arithmetic*. Indianapolis 1930 123 p (Bulletin no 100D rev)

1255 Irving J A. *An evaluation of the verbal problems in some arithmetic texts*. Master's thesis 1930 University of Minnesota Minneapolis

1236 James, Blanche A special study of diagnosis in fractions Master's thesis 1930 University of Minnesota, Minneapolis

1257 Jewett, Willa Ferris A prognostic study of the Los Angeles fundamentals and reasoning tests in arithmetic as given to 88 pupils Master's thesis, 1930 University of Southern California, Los Angeles

1258 John, Lenore Effect of using the long division form in teaching division by one-digit numbers Elementary school journal, 30 675-92, May 1930

During the school year 1927-1928 two groups of fifth grade pupils in the University elementary school of the University of Chicago were taught division by the short division and long division methods. Conclusions arrived at are only tentative as the number of pupils involved in the study was small. Data indicate that a justifiable method of procedure would be to teach first the long division form applying it to the solution of examples with divisors of any number of digits. When this method has been learned, teach the short division method as a short cut applying it not only to division by one-digit numbers but also to division by two-digit numbers ending in zero or three-digit numbers ending in two zeros and to division by such numbers as 12 and 25, the multiples of which are familiar.

1259 Johnson, J T The intrinsic difference in merit between the "borrowing" and "carrying" technique in subtraction of whole numbers 1930 Chicago normal college, Chicago, Ill 6 p ms

This study covers over 500 cases (250 in each method), 1 000 tests of 65 000 examples. The control test is so made that all personal equations IQs are eliminated from final results.

1260 Kemmerer, W W and Aaron, Sadie Analysis of results of Buswell and John diagnostic test in arithmetic (grades H2-H5, inclusive) Houston Texas, Houston independent school district, 1930

1261 ———— Analysis of results of Woody McCall mixed fundamentals test in arithmetic (Grades H3, H5, and H7) Houston, Texas Houston independent school district, 1930

1262 Kramer, Grace A. The effect of certain factors in the verbal arithmetic problem upon children's success in solution Doctor's thesis, 1930 Johns Hopkins university, Baltimore, Md 245 p ms

1263 Langworthy, Clayton Adolphus Homogeneous grouping in arithmetic Master's thesis, 1930 University of Southern California, Los Angeles

1264 Lohr, Elida A study of changes in textbooks and methods in arithmetic in the nineteenth century, with indications of the present trend Master's thesis 1930 Duke university, Durham, N C

Changing conceptions of aims in teaching arithmetic as revealed by a study of textbooks and courses of study and social conditions underlying and causing changes

1265 McLeod, Ethel Ruth Influence of summer vacations on achievement in arithmetic, reading composition. Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 34 p ms

1266 Maher, Maryellen Case studies of marked disparity between intelligence and accomplishment in arithmetic Master's thesis 1930 University of Southern California, Los Angeles

1267 Mann, Rubie The need of junior high school pupils for stronger elementary bonds in arithmetic Master's thesis, 1929 University of Southern California, Los Angeles 80 p National education association Department of secondary school principals, 34 36-38 January 1931. (Abstract)

The aim of this study was to ascertain to what extent a group of pupils finishing the seventh grade had complete mastery of the fundamental bonds or combinations in arithmetic. Approximately 240 pupils finishing the seventh grade in the John Muir high school of Los Angeles were tested in giving automatic responses to the more difficult half of the 400 possible combinations in the four processes.

1268 Masson J S Progress in the four fundamental processes in arithmetic 1930 City schools Lorain Ohio 10 p ms

A study of grades 6B to 8A inclusive Findings Practically no progress was found in the four fundamental processes in arithmetic after grade 7B but level was maintained.

1269 Mathews C O A method of constructing useful division tables. *Journal of educational research* 22 47-49 June 1930

The article shows the method of constructing a table to facilitate the division of any number by a common divisor

1270 Maxfield Myrri M An experimental study of the "Individualized" versus the conventional classroom 'recitation' method of teaching simultaneous equations Master's thesis 1930 University of Southern California Los Angeles

1271 Meyer Fred W Criteria for a course of study in arithmetic. Master's thesis 1930 University of Buffalo Buffalo N Y 07 p ms

This study is an analysis made to determine to what extent scientific studies have found their way into the different courses of study issued by the state department of education. Criteria were set up to help evaluate revise or interpret a course of study in arithmetic. The thesis shows to a certain extent what has been done and what remains to be done. It concludes that no school has at present a course of study that could advantageously be made applicable to schools in all communities

1272 Miller Florence May Ability of third grade children to comprehend a mastery plan for addition. Master's thesis 1930 Boston University, Boston Mass

1273 Miller Lillian McKnight. An analysis of elementary arithmetic texts Master's thesis 1929 University of Colorado Boulder 78 p ms

Analysis of five recent and commonly used elementary arithmetic text series showed 70 per cent of all problems are one-step problems involving the four fundamentals four per cent are devoted to long division multiplication was emphasized most 73 per cent of all problems were expressed in numbers 16 per cent of all problems use both numbers and symbols authors do not agree on type or time emphasis

1274 Minneapolis Minn Public schools. Instructional research department Junior high school drill in arithmetic 1929

1275 Monroe Mich Public schools. Course of study in arithmetic grades 1-6 1930 80 p ms

1276 Montgomery, I J The determination of the value as an educational procedure of setting up minimum essentials for mastery in third grade arithmetic Master's thesis 1929 University of Nebraska Lincoln 91 p ms

Findings The classes using minimum essentials showed significantly greater progress

1277 Muncie, Ind. Public schools Department of educational research. Report on use of Woody McCall mixed fundamental test, form 2, in arithmetic 1930 6 p ms (Bulletin no 33)

1278. ————— Survey tests in problem solving in arithmetic Grades 3B-8A 1930 5 p (Bulletin no 39)

The purpose of this testing was to compare the base line of problem solving achievement in March with that of November and to appraise results of instruction in problem solving in the Muncie schools and to stimulate diagnostic study in order to correct weakness in the technique of problem solving

1279 Myers Anna G and Parker, Charles S Schorling-Clark Pattee arithmetic test form B Kansas City, Mo Bureau of research 1929 3 p

Achievement of Kansas City pupils in fundamentals, fractions decimals and per cent ages was studied and an increase in accuracy was noted

1280 National society for the study of education Report of the committee on arithmetic Bloomington Ill. Public school publishing company 1930 703 p

Part 1 contains 408 pages (six chapters) on various aspects of arithmetic. Part 2 contains 298 pages (14 chapters) on various aspects of arithmetic.

1281 Nelson Ethel V Information units in arithmetic a study of the historical background of present arithmetic vocabularies and processes Master's thesis, 1930 University of Minnesota Minneapolis

1282 New York (City) Board of education Bureau of reference, research and statistics Diagnostic and remedial work in arithmetic fundamentals (Educational measurements for the class teacher nos 9 12 September 1929-January 1930)

The September issue deals with methods of diagnosis the October issue with general difficulties and pedagogic implications the November issue with inventory of errors and remedial suggestions in addition and subtraction and the January issue with inventory of errors and remedial suggestions in multiplication and division

1283 Niles Henry Clay An experiment in the intensive teaching of arithmetic to various groups of elementary school pupil Master's thesis 1930 University of Southern California Los Angeles

1284 Olander Herbert Theodore Experimental determination of the degree of transfer between taught and untaught combinations in simple addition and subtraction Doctor's thesis 1930 University of Chicago Chicago Ill

1285 Osburn W J A study of the validity of method of teaching long division Columbus Ohio state department of education 1930 20 p

Findings One method of teaching long division is markedly better than the others

1286 Overman J R An experimental study of the effect of the method of instruction on transfer of training in arithmetic In Michigan schoolmasters club Journal 1930 p 233-36 (University of Michigan official publication, vol 22 no 8 July 20 1930)

1287 Patterson M Rose Report on test in arithmetic to pupils entering TB 1930 Public schools Baltimore Md 18 p ms

1288 Pearson H W A survey of arithmetic in the Belfield public schools Master's thesis 1930 University of Minnesota Minneapolis

1289 Pittsburgh Pa Public schools Department of curriculum study and research Revision of the diagnostic combinations test in arithmetic 1930

1290 Polkinghorne Ada Ruth The concepts of fractions of children in the primary school Master's thesis 1930 University of Chicago Chicago Ill

1291 Rath Louis Edward The grade placement of the addition and subtraction of fractions Master's thesis, 1930 University of Chicago Chicago Ill

1292 Rolker Edna A supervisory study of remedial instruction in the solution of arithmetic problems Master's thesis 1930 Johns Hopkins university Baltimore Md

1293 Rose Anna B A course for student teachers in teaching arithmetic to seventh grade children in New York City Master's thesis 1930 New York university New York N Y 55 p ms

1294 Sauble Irene The effect of time allotment upon achievement in arithmetic in the second grade Master's thesis 1930 University of California Berkeley 47 p ms

Experiment carried through a single half grade the low second during the 20 weeks of the spring semester of 1929 and then repeated in the high school during the fall of 1929 Ten classes of 40 pupils each in the school of Detroit were used Time was the only varying factor in the experiment Findings Most pupils in the low second profited somewhat from the additional time (30 minutes daily instead of 20) Pupils in the high second made no gain in achievement as a result of additional time In the low second the amount of gain was not considered proportionate to the additional time expended Among the nationality groups the colored and American pupils both gained but the foreign pupils did not



1295 Schindler, Elmer P. An objective appraisal of illustrations in third grade arithmetic texts *Master's thesis, 1930 University of Iowa, Iowa City* 146 p ms

1296. Sioux City, Iowa Public schools Committee of principals and supervisors Arithmetic curriculum 1930 134 p

A study was made of the grades from the kindergarten through the sixth grade inclusive

1297 Smallidge, Olive E. A study of methods of subtraction as used by the 4B pupils of Flint *In Michigan schoolmasters club Journal, 1930 p 235-38* (University of Michigan official publication, vol 32, no 8, July 26 1930)

1298 Spencer, Peter Lincoln A study of arithmetic errors Doctor's thesis, 1930 Stanford university, Stanford University, Calif

1299 Thompson, K L Arithmetic achievement in Jersey City 1930 Public schools Jersey City N J 20 p

1300 Tingelstad S B The difficulties of fraction types for pupils in towns of less than 1,000 population Master's thesis, 1930 University of Minnesota, Minneapolis

1301 Trousdale, Mattie Sue Some number abilities of beginners in rural and town schools Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn 36 p ms

A study of 192 rural and 139 town children of West Kentucky before being taught at school Findings Children studied have had some number expressions before entering school they can count some by rote and with objects, they possess some ability to count objects in groups the majority can recognize money in common use, a good per cent show a knowledge of number vocabulary, in majority of abilities tested, the town group showed a greater extent of knowledge than the rural group

1302 Tyson, Ivernia Difficulties in long division persisting two years after initial instruction Master's thesis, 1930 University of Iowa, Iowa City 137 p ms

1303 Warburton, Robert C. Trends of development in arithmetic as revealed by standardized tests Master's thesis, 1930 University of Chicago, Chicago, Ill 116 p ms

Results of 1300 arithmetic tests given to groups of 100 in each grade from the fifth to post graduate group were studied Findings Two general curves of growth, rapid and steady from grades five to eight slight regression at ninth level with steady slow growth thereafter until after graduation

1304 Weinberg, E. F. Theory of numbers 1929 Rollins college, Winter Park, Fla

1305 Whisnaut, Albert Freeman The effects of organized drill on fundamental processes in arithmetic Master's thesis, 1929 University of Colorado, Boulder 24 p ms

One hundred pupils with eight months drill and 76 pupils with no drill were studied for efficiency of drill in the fundamentals of arithmetic in respect to accuracy and speed Findings Number of problems solved by drill group was 41 per cent, nondrill group 11 per cent Greatest gain was in normal IQ group and in the third grade group Drill is superior

1306 Wolfe Beatrice Catherine Comparison of the abilities of boys and girls in the solving of general and specific problems in arithmetic Master's thesis, 1930 College of the City of New York New York, N Y 67 p ms

Eight sixth year classes in a New York City school were employed Improvement and level of achievement were both taken into account Slight superiorities in favor of boys were found

1307 Wright W W Indiann state course of study in arithmetic. State department of public instruction Indianapolis Ind 1930

See also 227 295 423 427 579 652 661, 1183 1185 1312 1341 2331 2823 2917 3098 4205 4220 4264

## ALGEBRA

1308 Adams Imogen An analysis of nine workbooks in first year algebra. Masters thesis 1930 University of North Dakota Grand Forks 109 p ms  
School of education record (University of North Dakota) 16 23-32 October 1930 (Abstract)

In her critical evaluation of nine workbooks in first year algebra the author has related the aims of the study of algebra to the aims of education in general and has shown to what extent workbooks may aid in attaining these aims

1309 Aylard Margaret Helen The fundamental skills of ninth grade algebra Masters thesis 1929 University of Denver Denver Colo 48 p ms

In algebra the fundamental skill is the ability to discern in a given situation the elements of difference from likeness to other situations and the application to a given situation of the necessary processes The skills are of two kinds—manipulative and associative.

1310 Betz William Syllabus in elementary algebra Albany N Y University of the State of New York 1930 31 p

1311 Black, George Krebs Predicting success in ninth grade algebra by ratings obtained through the Terman group test of mental ability Masters thesis 1930 University of Southern California Los Angeles

1312 Buckingham Guy E Nature frequency and persistence of errors made by students of first year algebra in the four fundamental processes of addition subtraction multiplication and division Doctor's thesis 1930 Northwestern university Evanston Ill

1313 Clem Orrie M and Hendershot Bertha A Some difficulties involved in solving verbal problems in elementary algebra Mathematics teacher 23 141-4, March 1930

The chief difficulties can be reduced to a relatively few types such as inability to read the problem etc

1314 Cooke Cecil E Methods and materials in high school algebra as set forth in state department courses of study Master's thesis 1930 Duke university Durham N C

A study of the aims methods and materials set forth in courses of study in algebra published by state departments of education shows frequency of listings of various topics requirements for graduation and points emphasized by published handbooks

1315 Diehl, John L Analysis of six first year algebra books to determine scope and character of abstract and written problems Master's thesis. 1930 University of Pennsylvania Philadelphia 60 p ms

1316 Gill Dorothy D Algebra for college preparation Master's thesis, 1930 University of Hawaii, Honolulu 200 p ms

An analysis of college requirements of algebra actually needed in higher courses as revealed by university catalogues and courses Develops a series of units in algebra calculated to give the needed preparation as revealed by the analysis

1317 Gilliland Gladys Kinds frequency and persistency of errors made by first year algebra pupils in factoring Master's thesis 1929 Northwestern university Evanston Ill

1318 Hazelwood Lucy The development of high school textbooks in algebra during the nineteenth century 1930 Duke university Durham N C

Shows development of topics and shifting emphasis with present trends in aims and methods a summary of changing conceptions in values of algebra

1319 Hensler Claudia A comparative study of achievement in first year algebra Masters thesis 1930 George Peabody college for teachers Nashville Tenn 35 p ms

Comparison of achievement of accelerated groups of pupils in first year algebra with that of three different ability groups of nonaccelerated pupils 1929-1930 Findings Accelerated group compared favorably with average group of nonaccelerated pupils

1320 Hill George E Survey of the vocational usages of elementary high school algebra Masters thesis 1930 Northwestern university Evanston Ill

1321 Hollin Howard O The effect of certain preliminary exercises on the ability to solve verbal algebra problem Masters thesis 1930 University of Iowa Iowa City 52 p ms

1322 Kroll Florence I Comparison of the content of selected French and American first year algebra texts Masters thesis 1930 University of North Dakota University

1323 Lyon Virgil E A study of certain difficulties experienced by pupils in the solution of verbal problems in algebra Master's thesis 1930 University of Wisconsin Madison

1324 McCuen Theron L Predicting success in algebra Journal of educational research 21 72-74 January 1930

From data obtained at the Palo Alto union high school it was found that the group intelligence quotient as determined by the Terman group test of mental ability is a better basis for grouping students in algebra according to probable success than any of the other criteria used in this study

1325 McLeary Ralph D The experimental technique for individual instruction in high school algebra Masters thesis 1930 Colby college Waterville Me 123 p ms

A study was made of algebra classes at Waterville senior high school 1929-1930 Pupils under individual instruction plan progress on the average a little more slowly but do more thorough work and of superior quality in comparison with the traditional plan

1326 Pace, Jarrette Boyle The improvements in methods and materials in the teaching of algebra in the secondary schools Master's thesis 1929 University of Texas Austin

1327 Paxton Margaret Predicting success in junior high school algebra Masters thesis 1930 Stanford university, Stanford University, Calif 110 p ms

The algebra grades of 504 pupils who had attended Washington junior high school were compared with the intelligence quotients of the pupils and with the grades made in arithmetic English social science etc Comparisons were made graphically and statistically The graphs showed some relation between algebra grades and intelligence quotients and between algebra grades and the grades in the various other subjects The writer concludes that all students who have shown ability in arithmetic should be urged to take algebra no matter what line of work they expect to pursue Also any student, even if he has failed in arithmetic should have the opportunity of taking algebra provided he has a desire to try it

1328 Philadelphia Pa Public schools Division of educational research. Diagnostic analysis of achievements in algebra part 1 from 8th grade 8B 1920 (Bulletin no 1-6)

1329 Piper A H The validity of certain general and special tests for prognosis in first year algebra Masters thesis 1930 University of Iowa Iowa City 49 p ms

1330 Reinshagen Irene Alice Analysis of content of practice books in algebra Master's thesis 1930 New York university New York N Y 58 p ms

Analysis of six books published between 1905 and 1928 showing the topics treated the amount of practice of each topic and the sequence of topics

- 1331 Richards Marie L. An analysis of the objectives and content of algebra Master's thesis, 1930 Akron university Akron Ohio 57 p ms  
The analysis of the content and objectives of algebra in secondary schools as found in textbooks now published
- 1332 Shank, C Earl An experiment in directing thinking in high school algebra Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin, 27 34-75 November 1930 (Abstract)
- 1333 Smith Howard H Algebra problem concepts and informal objective testing Master's thesis 1930 University of Iowa Iowa City 77 p ms
- 1334 Snyder E J (Morrisville, N Y) Vocabulary and also certain devices in algebra to promote accuracy [1930]
- 1335 Sowle Wesley Atwood Case studies of 20 maladjusted pupils in ninth grade algebra Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 387 88 November 1930 (Abstract)
- 1336 Stephens, Stella Elizabeth Diagnosis of student difficulties in formulas in first year algebra Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn 100 p. ms.  
The location of student difficulties as found from results of a series of diagnostic tests Findings A low degree of mastery in the solution of formulas and a consequent need for remedial work
- 1337 Stock, Earl K An analysis of elementary algebra textbooks for comparison of content and emphasis of material. Master's thesis [1930] Pennsylvania state college State College Pa 25 p ms.  
A method was set up for the analysis of algebra texts for material content All text material was divided into three topics explanation drill problems and verbal problems All lines of explanatory material were counted for item 1 and all problems for items 2 and 3 under 20 divisions such as factoring fractions etc The results were tabulated for 10 elementary texts and a comparison made of their relative content and emphasis Findings (1) There is wide variation in the amounts of material and emphasis on the various divisions (2) the method seems to be practicable and convincing for describing and evaluating texts so far as material content is concerned (3) a factual basis for describing 10 texts was obtained
- 1338 Stone, John C. and Mallory Virgil S Teaching and learning units in algebra Chicago Ill Benjamin H Sanborn and company 1930 331 p
- 1339 Taylor Rachel The reality of ninth grade algebra problems. Master's thesis, 1930 Colorado state teachers college Greeley 61 p ms
- 1340 Tothoro H H. An experiment to determine the relative merits of a general rule versus special rules in teaching algebraic special products Master's thesis 1930 Pennsylvania state college State College Pa 53 p ms  
Three experiments were conducted Forty two subjects were used in the first experiment 49 in the second and 48 in the third. Percentile scores of IQ AQ (arithmetic quotient) grades and matching test were used to match subjects Results favor general rule. Achievement of control groups was only 57 per cent of the achievement of the experimental group
- 1341 Tucker Guy E. The effect of specific drill in eliminating errors in the four fundamental processes of addition subtraction multiplication and division of algebraic monomials Master's thesis 1930 Northwestern university Evanston Ill
- 1342 Wadzinski, Teofil Gerald. Fluctuations in the amount of work done and in the skills of first year algebra pupils. Master's thesis 1929 New York university New York N Y 93 p
- 1343 White Annabel Lee Retention of elementary algebra through quadratics after varying intervals of time Doctor's thesis 1930 Johns Hopkins' university Baltimore Md 129 p ms

1344 Ziegenfuss George R. Predicting success in algebra and geometry Los Angeles educational research bulletin 9 11-12, 15 October 1929

Answers to a questionnaire sent to 27 Los Angeles senior high schools gave the bases for predicting success in mathematics. Review of previous studies in prognosis of ability in mathematics showed that by means of a composite of the factors considered with proper weightings and by use of multiple correlations high relationship has been found between success in mathematics and in other school subjects. No single factor can be used alone. Traits other than intelligence and success in other school subjects must be considered. Different types of mathematics demand different abilities. Rogers test of mathematical ability has practical value in predicting success in algebra and geometry if carefully used.

See also 951 661 1173 1183 1185 1203 2012 2016 2020 3076 3097 3198

#### GEOMETRY AND TRIGONOMETRY

1345 Brock Ekle. An analysis of American textbooks in plane geometry published since 1800 with indications of changes and trends in emphasis. Master's thesis 1930. Duke University, Durham N C.

Seeks to discover emphasis and methods in plane geometry with shifting purposes in the past century and direction of development today.

1346 Brookens Glen Erwin. A study to determine the correlation between objective test scores and subjective grades in plane geometry. Master's thesis 1930. University of South Dakota Vermillion. 71 p ms.

1347 Brown Laura Marie. Achievement of pupils in one semester of tenth grade geometry. Master's thesis 1930. University of Chicago Chicago Ill.

1348 Chapman Andrew Barney. The effectiveness of two different teaching techniques in plane geometry. Master's thesis 1930. University of South Carolina, Columbia.

1349 Cowley Elizabeth B. The vocabulary of plane geometry. Journal of educational research 20 302-04 December 1929.

Contains some information on the vocabulary of tests in geometry.

1350 Crago Eva Laura. The use of supplementary help in the teaching of plane geometry. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 248-49 November 1930. (Abstract)

1351 Duback, Merrill Leon. A study in geometry prognosis. Master's thesis 1929. University of Colorado Boulder. 42 p ms.

A study to determine relative value for prediction of success in geometry of school marks in the eighth year, school marks in the ninth year, IQ scores on Rogers test, scores on Van Wageningen reading scale. Findings: Rogers test is of decided value; freshman marks, IQ and eighth grade marks are of limited value; Van Wageningen reading scales are useless; composite of all five bases of decided value.

1352 Eddy Louise Barbour. Motivating the study of geometry. Master's thesis 1930. University of Chicago Chicago Ill.

A study of the nature and need of motivation in education and in mathematics; the historical development of motivation in geometry teaching; and an analysis of 45 textbooks in plane geometry to determine the growth of motivation since 1873.

1353 Fuller Florence D. The evaluation of geometry texts. 1930. Public schools Los Angeles Calif. 58 p ms.

1354 Hall E R. A test in plane geometry. Master's thesis, 1929. University of Virginia Charlottesville.

The investigation is concerned with the deviation and standardization of a test for plane geometry. Several hundred pupils of the city high schools of Virginia were used to construct and standardize the test. The test was found to be highly valid and reliable.

1355 Harper, Sarah Viola. A comparison of two types of organization of subject matter in plane geometry. Master's thesis 1930. University of Chicago Chicago Ill.

1350 Hendrick, Ethel May How to study geometry Master's thesis 1930 University of Southern California Los Angeles

1357 Johnston, Helen Preparation and evaluation of unit tests in plane geometry Master's thesis, 1930 University of Pittsburgh Pittsburgh, Pa University of Pittsburgh bulletin 27 361-62 November 1930 (Abstract)

1358 Long, Maceo W Analysis of errors in the solution of trigonometric identities Master's thesis 1929 Northwestern university, Evanston Ill

1359 Malin, Edith B Objective tests of certain units in intuitive geometry Master's thesis 1929 Western Reserve university Cleveland Ohio 100 p ms.

Junior high school mathematics the intuitive geometry part was evaluated for selecting test materials Eight objective tests were developed and coefficients of correlation were found using two halves of each test High degree of validity in the tests was found.

1360 Newmeyer, Donald Construction of a standard test in plane geometry Master's thesis, 1930 University of California Berkeley 45 p ms

The purpose of the study was to provide an objective measure of achievement in plane geometry suitable for use in the secondary schools Final test consists of 70 true-false items 20 multiple choice items and 15 pairs in matching exercises (including 5 additional unmatched responses)

1361 Prag, Lewis D A comparison of plane geometry textbooks of the period of about 1900-1910 and the period of about 1920-1929 and an analysis of the modern trend in plane geometry Master's thesis 1930 New York university New York, N Y

1362 Raybill, Martha A study of the original exercises in 10 textbooks in plane geometry concerning a period of 176 years Master's thesis 1930 University of Kansas, Lawrence

1363 Stewart, Marie A prognosis test in geometry Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 108 December 1930 (Abstract)

The problem involved was the construction of a test which would predict the success of pupils in geometry The test was administered to 212 beginning pupils in geometry in the schools of Hutchinson Kans The results obtained indicate that the test may be considered valuable for such purpose

1364 Tobey, William Sylvester Presentation of plane geometry through pupil discovery Master's thesis 1929 New York university New York, N Y 118 p ms

1365 Tuttle Jean Construction of a geometry test 1930 Public schools, Oakland, Calif 21 p ms

1366 Urkess Jennette Sylvia Predicting success in plane geometry by means of spatial relations tests Master's thesis, 1930 University of Texas Austin

1367 Walker, Flora The isosceles triangle its proof and place in present day high school geometry Master's thesis 1930 Stanford university, Stanford University, Calif

1368 Williams, Leonard Eldred The relation of the results of a series of form board tests to the ability to do plane geometry Master's thesis, 1929 University of Virginia Charlottesville

See also 645 647 1173 1185 1203 1358 2016

#### SCIENCE

1369 Barnes Cyrus W Making a battery of tests in junior high school science Master's thesis 1929 New York university New York, N Y 72 p ms.

1370. Bartholomew Constance Margaret The science club in the junior high school Master's thesis 1930 Boston university Boston Mass

1371 Bayne Thomas L (Ithaca N Y) The need for a scientific attitude toward science tests in high school teaching. [1930]

Findings Standardized tests in science have limitations as to reliability and validity which must be taken into account by the teacher who would cultivate in himself a scientific attitude The tests may formalize instruction

1372 Beauchamp Wilbur Lee An analytical study of attainment of specific learning products in elementary science Doctor's thesis 1930 University of Chicago Chicago Ill

1373 Bozchult Inez and Bozchult M K Pupils' interests in science as manifested by the questions they ask Master's thesis 1930 University of Nebraska Lincoln 64 p ms

Analysis of 8127 questions asked by 1803 junior high school pupils in four schools of Lincoln Nebr

1374 Braun Anthony The status of the sciences in the Catholic high school 1930 Catholic university of America Washington D C 48 p ms

1375 Carpenter Harry A Success in physics and chemistry in relation to general science and biology Science education 14 289-93 May 1930

Findings Students with general science preparation throughout the seventh eighth and ninth grades of the junior high schools do superior work in physics and chemistry to students with biology preparation students with general science training become more interested in science as evidenced by their election of science courses in addition to the requirements and by superior grades

1376 Cordrey, E E Relative and total amount of time given to recitation and laboratory work in science courses 1930 Arkansas state teachers college Conway 3 p ms

Gives the results of a questionnaire received from 67 schools

1377 Davis James P The sciences offered by the junior colleges with special reference to the sequence of courses Master's thesis 1930 Northwestern university, Evanston Ill

1378 Edmiston R W Instructional implications from a study of overlapping in secondary school science Doctor's thesis 1930 Ohio state university Columbus 170 p ms

1379 Edwards Howard E A complete act for developing a functional unit of subject matter in science Master's thesis 1930 Teachers college Columbia university, New York N Y 80 p ms

A course of study in the topic of machines was developed from this study

1380 Fay Paul Johnson The history of science teaching in American high schools Doctor's thesis 1930 Ohio state university Columbus 517 p ms

A history of the extension and of the development of the aims subject matter and teaching methods of high school sciences Findings There have been three periods in science teaching respectively characterized by informational aims disciplinary aims and diversification

1381 Guthrey, Casey Garnett Science department heads in high schools of Missouri Master's thesis 1929 George Peabody college for teachers Nashville Tenn 62 p ms

1382 Hollinger, J A Elementary science tests 1930 University of Pittsburgh Pittsburgh Pa

1383 Kansas State department of education Course of study for high schools, Part 5 Science Topeka 1930 92 p

1384 Larabee Louis M A one semester course of study in astronomy for a senior high school Master's thesis 1930 University of Hawaii Honolulu 60 p ms

1385 Nettels, C H The correlation of science with other junior high school subjects 1930 Public schools, Los Angeles Calif 7 p ms

1386 ——— Evaluation of textbooks for BS science 1930. Public schools, Los Angeles, Calif. 32 p

1387 ——— Science in junior high school courses 1930 Public schools, Los Angeles, Calif. 7 p ms

1388 ——— Science in periodicals 1930 Public schools Los Angeles, Calif 5 p ms

1389 ——— Science interests of adults 1930 Public schools, Los Angeles, Calif 6 p ms

1390 ——— The science interests of children 1930 Public schools Los Angeles Calif. 13 p ms

1391 ——— Science in the local environment 1930 Public schools Los Angeles, Calif. 13 p ms

1392 ——— Science needed for efficient living 1930 Public schools, Los Angeles, Calif 14 p ms

1393 Pittsburgh, Pa. Public schools Department of curriculum study and research. Elementary science tests for grades 4B-6A 1930

1394 Fletcher, Elsie M. History of reaction time experiments as carried out in American laboratories Master's thesis, 1929 Northwestern university, Evanston Ill

1395 Smith, Victor C Science methods and superstition School and society, 31 66-68, January 11, 1930

This study was undertaken to secure evidence on the value of laboratory work in general science and on the effect of studying science on superstition Two experimental groups were set up in the ninth grade of the high school at Potlatch Idaho One group was a reading group the other a laboratory group The study shows little positive evidence that might cause any change in instruction superstition decreases as a result of science instruction.

1396 Stemple, Forrest W. Science needs of pupils in small high schools based on an activity analysis. Doctor's thesis, 1930 Cornell university, Ithaca, N Y 175 p ms

A study of 1007 activities of the people of four different types of communities in West Virginia with reference to the contributing values in science Findings So far as activities are concerned biology seems by far the most important science subject for the small high schools Physics and chemistry seem about equally important The activities involve in at least half the cases more than half the sciences in combination the separating of the sciences in teaching them may be logical but it is not natural Chemistry alone occurs scarcely half as many times as chemistry in connection with biology, and geological phases of science occur in the activities of rural people almost five times as frequently in connection with biology as alone Biology can scarcely be taught as a single science

1397 Sutherland, J Homer An appraisal of the science background of state teachers college entrants Master's thesis, 1930 University of Pittsburgh Pittsburgh, Pa University of Pittsburgh bulletin 27. 303-04, November 10, 0 (Abstract)

1398 Texas. State department of education Texas high schools. The teaching of science. Austin, 1929 77 p (Bulletin, vol 5 no 9, October 1929 No. 262)

This bulletin sets forth definite directions for planning the laboratory and class exercises, special attention is given to the selection of lists of experiments for each of the sciences to the selection of good books for teachers and pupils and to the compilation of teaching aids



1399 Washington (State) Department of education High school science and mathematics Olympia, Wash., 1930 84 p

1400 Webb, Ralph Current practices in the teaching of science in junior colleges Master's thesis, 1930 University of Southern California, Los Angeles

1401 Wilson, W. K. Minimum essentials of high school mathematics needed for freshman and sophomore chemistry and physics at Ohio state university. 1930 Ohio state university, Columbus 33 p ms

A study to determine the minimum essentials of high school mathematics needed for freshman chemistry at Ohio state university An analysis of the chemistry used in this university reveals only 71 different type problems used to illustrate and teach all chemistry presented from this test

See also 163, 176, 2075, 2205, 2213, 2230, 2281, 2345, 3023, 3131, 4102, 4381, 4650.

#### GENERAL SCIENCE

1402. Bailey, Thomas C A course in general science Master's thesis, 1930. University of New Hampshire, Durham. 100 p ms

A course of study prepared for use in high schools

1403 Bak, Cornelius Frederick. Curriculum construction in general science. Master's thesis, 1930 Loyola university, Chicago, Ill 63 p ms.

1404. Bixler, Melvin R An evaluation of the Every pupil general science test given December 10, 1929. Master's thesis, 1930. Ohio state university, Columbus 79 p ms

An evaluation of the 100 questions in the Every pupil general-science test as to thought provoking qualities, value of knowledge; clearness, and correlation to textbooks Findings: The Every pupil test was administered by the Ohio state department of education in December and April of the year 1929-1930 The results were compiled by the State department of education so that teachers could compare their pupils with others

1405 Bock, Lillian A. Amount of mathematics needed for a course in general science Master's thesis, 1930. Columbia university, New York, N Y

1406. Corbally, John E A comparison of two methods of teaching one problem in general science. School review, 38: 61-66, January 1930.

Four classes in general science in the Queen Anne high school, Seattle, Wash., were studied in order to compare the assignment-recitation plan with the unit plan The four classes were of about the same average intelligence, and had approximately the same previous information on the subject. The experiment was carried out under everyday classroom conditions The results of the investigation tend to show that neither method of teaching studied is distinctly superior to the other The teacher is the determining factor, rather than the method or device

1407 Eldredge, William L. Testing in general science Master's thesis, 1929 Teachers college, Columbia university, New York, N Y. 20 p ms.

1408 Harap, Henry and Parsing, Ellis C. The present objectives in general science. Science education, 14: 477-97, March 1930.

An analysis of five curriculum investigations 11 courses of study and five textbooks, to determine the specific objectives in general science

1409. Lowry, George G The teaching of general science Master's thesis [1930] University of Pennsylvania, Philadelphia. 60 p ms

A study of the methods and content of eighth and ninth grade science and eighth grade geography.

1410 Peebles, Grace. The socialized recitation in general science. Journal of educational research, 20: 151-53, September 1929

Gives the results of an experiment conducted in the seventh grade of the schools of Fond du Lac, Wis Findings: While the socialized study group showed more gain in the matter of getting information, the differences were not statistically significant; the socialized recitation group showed greater and keener interest in the subject matter as measured by an activity record.

1411 Rohrbach Q A. A study guide in general science 1930 University of Pittsburgh Pittsburgh, Pa

1412 Shaffer, Arthur B The relation of general science to a program in education Master's thesis, 1930 Ohio state university Columbus 83 p ms  
A curriculum in general science for seventh eighth and ninth years is organized to illuminate a new program in education

1413 Shuller, Albert Theodore The unit method versus the recitation method of teaching general science Master's thesis, 1929 University of Colorado, Boulder 91 p ms.

A study undertaken at Junior high school Ft. Smith Ark, with two groups equated for CA IQ and reading ability alternate methods of instruction were used. Findings: Recitation method was more effective than the unit method for increasing pupil achievement.

1414 Smith, Victor Clyde A comparison of the reading recitation and laboratory methods in the teaching of general science Master's thesis, 1929 University of Minnesota Minneapolis

See also 308, 1375, 2101

#### NATURE STUDY

1415. Blechman, Elias Aspects of extramural opportunities for nature study in New York City and the extent to which they were utilized in 1928 Master's thesis 1929 New York university, New York, N Y 44 p

1416 Burgess, Elizabeth Vestal. School room pets as a stimulus towards science learning Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 186 p ms

1417 Calloway, Milton. A study of the content of courses in nature and science education in 100 teachers colleges and normal schools with a study of the relationship between these courses and the activities in the training schools In Nature almanac 1930 Washington D C, American nature association, 1930 p 127-29

Findings Sixty and four tenths per cent of the institutions reporting offer nature study and elementary science on a required basis, most commonly using a combination of recitations laboratory, and field work In 47 per cent of the schools, nature and science methods courses are required of kindergarten teachers in training Practice in teaching nature study is generally confined to lower grade levels

1418. DeGroot, Dudley Sargent A teachers' guide to the study of the common birds of California Master's thesis 1930 Stanford university, Stanford University, Calif

1419 Flagg, Wayne M. The essentials of a secondary course in natural science. Master's thesis 1930 Yale university, New Haven, Conn

1420 Palmer, E Laurence A nature education survey of the United States In Nature almanac, 1930 Washington D C, American nature association, 1930 p 148-277

A survey of the requirements of nature and science education in elementary and secondary schools of the various states of the union from the viewpoint of state departments of education, higher institutions of learning and public school superintendents. Findings The practices in nature education in the various states of the union are not uniform. Those of California, Connecticut, District of Columbia Illinois, Maine Minnesota, Missouri, New Jersey New York Pennsylvania Rhode Island West Virginia and Wyoming stand out as being most extensive.

1421. — Study of associations and clubs interested in the promotion of nature education In Nature almanac, 1930 Washington, D C., American nature association, 1930 p 30-116.

Study of the purported aims and accomplishments in the field of nature education of the various private and public organizations identified with this field in spite of slight

duplication, there seems to be evolved a definite series of organizations concerned with developing satisfactorily particularly nature education activities. In general these are receiving generous public support

1422. Palmer, E Laurence. A study of leadership training in nature and science education. *In Nature almanac*, 1930 Washington, D C., American nature association, 1930 p 116-47

Survey of nature education activities in 108 teacher training institutions and of the programs and activities of special institutions concerned with this field. There is a general tendency to emphasize teaching of nature through first hand experience in teacher training institutions with reported field activities rather commonly emphasized in spite of crowded teaching schedules. The number of institutions doing special training in this field is increasing

1423 ——— and Gordon, Eva L. Nature bibliography. *In Nature almanac*, 1930 Washington, D C American nature association, 1930 p 336-90

A survey of the nature literature in print with a view to providing a basis for selecting reliable children's readers and providing an adequate series of reference books for teachers of nature study and elementary science. All books were examined and short annotations as to their nature and merit were given. Findings. The number of safe books for use by elementary school children is very limited

See also 2081, 2345

#### BIOLOGY AND BOTANY

1424 Adams, Norval E. The legal restrictions concerning the teaching of biology. Master's thesis, 1930 Indiana university, Bloomington 65 p ms

1425 Adams, Roy. Insects and material for use in teaching high school biology. Master's thesis, 1923. George Peabody college for teachers, Nashville, Tenn. 47 p ms.

\*1426 Austin, A. Loretta. The effect of daily drill in silent reading on achievement in biology. Master's thesis, 1930 Syracuse university, Syracuse, N. Y. 100 p ms

An initial testing was given two unselected groups of high school freshmen. The experimental group was then given a daily 10 minute drill in silent reading in the subject matter of biology. The control group received regular type of instruction. A final test was given after six weeks. The standard deviation gains of the experimental group were 73 4 per cent greater than those of the control group. During the course of the experiment 30 practice drills in silent reading of biological matter were constructed which may be used as study devices in biology in the ninth grade

1427 Babb, Edith. A study of subject matter in two groups of biologies. Master's thesis, 1930 University of Kansas, Lawrence.

\*1428 Baird, Don O. A study of biology notebook work in New York State. Doctor's thesis, 1929 Teachers college, Columbia university, New York, N Y New York city, Teachers college, Columbia university, 1929 118 p (Contributions to education, no 400)

An evaluation was made of notebooks from 50 schools; of the biology texts and laboratory manuals used in these schools; and examination questions given in secondary schools of New York State

1429 Berry, Mildred Brown. Correlations between intelligence, reading ability, and achievement in biology. Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn. 40 p. ms.

1430 Cederstrom, J. A. Investigations into gains and retention of students. 1930 University of Minnesota, Minneapolis

Investigations into the retention of college students of information in biology. the relation of retention to gains, comparative gains of repeating and nonrepeating students, comparative gains of students with high and low initial scores and high and low mental ability. Conclusions: College students after the lapse of a year retain from two-thirds to three fourths as much as they gained during a course in biology. Students who

make the largest gains show the highest amounts of retention. Repeating students gain less than nonrepeating students. Students with low initial attainments gain as much or more than those with high initial attainments but those with higher mental abilities tend to gain more than those with low mental abilities.

1431 Clippinger, Florence E. An experimental study in methods of teaching biology. Master's thesis, 1929. Cornell university, Ithaca, N Y. 107 p ms.

Experimentation with four class sections of tenth year pupils each year for three years, two being taught by unit systems of individual instruction and two by class system of laboratory discussion. Findings: No significant differences in results were obtained by the two procedures in monthly tests. Slightly better results by laboratory discussion section on standard Buch common test were obtained.

1432. Downey, E B. Revision of one-year course in biology for high school. Master's thesis, 1930. Western Reserve university, Cleveland Ohio. 139 p ms.

Experimentation with tentative course for one year, thorough analysis of sources for objectives of most widely used courses of study and tests was made, 13 sources were analyzed.

1433. Johnson, Palmer C. Curricular problems in science at the college level. Minneapolis, University of Minnesota press 1930. 188 p.

"This study has centered around an evaluation of the function of the course in general botany in preparing students for the pursuit of sequent courses in the college of agriculture and forestry."

1434. ———. The permanence of learning in elementary botany. Journal of educational psychology, 21. 37-47, January 1930.

A group of students in general botany at the University of Minnesota were studied in an attempt to determine the extent of retention of the botanical information acquired in the course in general botany, and the relationship between the amount retained and the initial amount possessed. Data indicate that the students who had the most botanical information at the time of completing the course are very likely to retain the most after intervals of time.

1435 McCullough, Anna M. The subject matter of biology in high school with reference to sources and bases of selection. Master's thesis 1930. University of Kansas, Lawrence.

1436 MacKay, Minnette. The formation of a generalization in the minds of ninth grade biology students. Doctor's thesis 1930. Teachers college, Columbia university, New York, N Y.

From the analysis of 17 books of college grade 385 items were obtained and studied, rated and grouped according to difficulty. A plan of class activities was worked out for each unit and given to two classes a third class planned its own work. Tests and records of class work were used as bases of judgment concerning the performance of students. Record was kept of new words needed for development of the generalization. Findings: Sequence of subject matter may vary widely if range of subject matter is within comprehension of students. Students may plan their own work at the beginning of a semester without hindering the acquiring of information. Repetitive use of a few comprehensive questions affords opportunity for diagnosing student difficulties. There is evidence that generalization in minds of students is aided by instruction in process of generalizing.

1437 Markey, Gertrude E. An analysis of current examinations in high school biology. Master's thesis 1930. New York State college for teachers, Albany.

1438 Morris, Robert H. Determination of the concepts of chemistry implied or expressed in the content of a first year college course in zoology. Master's thesis 1929. University of Iowa, Iowa City. 79 p ms.

1439 Pattee, Steven M. The construction of x units of instruction in biology. Master's thesis 1930. University of Iowa Iowa City. 93 p ms.

1440 Pittsburgh, Pa. Public schools. Department of curriculum study and research. Course of study in botany 1930. ms.

1441 ———. Course of study in zoology, first semester, second semester 1929. 72, 49 p ms.

1442 Predmore Donald R. An experiment in supervised instruction in zoology. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. 19 p. ms. University of Pittsburgh bulletin 27 359-60 November 1930 (Abstract)

1443 Presson John M. Achievement tests in biology for secondary school use based upon an analysis of the content of the subject. Doctor's thesis 1930. University of Pennsylvania Philadelphia Philadelphia Pa. John M. Presson 1930 149 p.

In order to construct biology tests and to establish the validity of these tests a detailed study was made of the biology textbooks in most common use in the secondary schools the state and city courses of study questions asked by the College entrance examination board lists of questions prepared by the Board of regents for the State of New York and final examination questions given to classes by 143 teachers of biology. Separate tests were devised for plant biology and for animal and human biology.

1444 San Diego Sempio Milare. A vocabulary study of new elements of biology—a Philippine text. Master's thesis 1929. University of Kansas Lawrence.

1445 Swan Lloyd M. The relative importance of uncommon words in biology. Master's thesis 1930. Ohio state university Columbus 47 p. ms.

The study was limited to three textbooks. It lists the uncommon words in biology with a credit number showing relative importance of each word.

1446 Van Wagenen M. J. Reading scales in biology and in educational psychology. 1930. University of Minnesota Minneapolis.

Construction of educational scales of the C score type for measuring the abilities of college students to read in the fields of biology and educational psychology. In a course in biology where more than half of the time was devoted to laboratory work the ability to read for comprehension had less relation to gains in range of information made during a quarter than did either the initial ranges of information or the gains made in range of information during the previous quarter.

1447 Webster William J. Legal provisions and control of the teaching of biological science in the public high schools of the United States. Master's thesis 1930. New York university New York N. Y.

See also 64-646 1477 1467 3670

#### CHEMISTRY

1448 Benkart John. The selection organization and evaluation of the elements of new type tests in secondary school chemistry. Master's thesis 1930. University of Southern California Los Angeles.

1449 Boles Leo Lipscomb. A study of the mathematics used in inorganic textbooks. Master's thesis 1929. George Peabody college for teachers Nashville Tenn. 88 p. ms.

1450 Boorstein Jacob William. Analysis of College entrance examination board examinations in chemistry 1911-1928. Master's thesis 1930. New York university New York N. Y. 56 p. ms.

An analysis for trends stresses as judged by percentage allowance to the different topics and correlation to every day experiences. Findings. Little change in trends was found. Forty three and six tenths per cent of the items (questions or parts of questions) had some bearing on the daily life of the pupil.

1451 Burns Arthur D. The influence of certain factors on the ability to succeed in chemistry. 1929. New York state college for teachers Albany 30 p. ms.

Survey of students studying chemistry in a city high school.

1452 Cagle William Carl. A mineralogical project for high school students in chemistry. Master's thesis 1929. George Peabody college for teachers Nashville Tenn. 52 p. ms.

1453. Carroll Cecil James Twelve standardized tests covering a years work in high school chemistry Master's thesis, 1930 Stanford university, Stanford University Calif

1454 Chapel, James Clyde. Unit technique versus recitation technique in the teaching of chemistry Master's thesis, 1930 University of Chicago, Chicago Ill

A comparative study of the results of teaching chemistry by unit and recitation techniques in the teaching of chemistry under controlled conditions.

1455 Fabing, Charles Curtis. An experimental study of laboratory manuals in chemistry Master's thesis, 1930 University of Southern California Los Angeles

1456 Gerald, Iver Sumner New type versus old type test in chemistry Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn. 85 p. ms.

1457 Glenn, Earl R. and Welton, Louis E. Instructional tests in chemistry, comprising 36 tests covering the various phases of the subject for high schools and colleges Yonkers-on Hudson, N Y, World book company, 1930 76 p

1458. Graham, Hoyt C Study of the prevailing methods of laboratory technique in high school chemistry 1930 New Mexico state teachers college, Silver City

1459 ——— and Huff, John A. Adapting the slide rule to high school chemistry School science and mathematics, 9 5-7 28 May, 1930

1460 Green, Jeannette A comparative study of the values of chemistry and physiology as eleventh year college preparatory sciences Master's thesis 1930 University of Southern California, Los Angeles

1461 Haggard W. W. Duplication in high school and college curricula Some experimentation in the Joliet township high school and junior college 1930 Joliet township high school and junior college Joliet, Ill 5 p ms

A report of the North central association of colleges and secondary schools on duplication in chemistry

1462 Haub, Hattie D F How to teach secondary chemistry and allied sciences San Francisco, Calif, Harr Wagner publishing company, 1929 292 p.

1463. Hayes, Jack. Experiment on evaluation of note books in chemistry Master's thesis, 1929 George Peabody college for teachers, Nashville Tenn 37 p ms

1464 Higgins, Conwell D The prediction of success in elementary chemistry in college, based on grades received in high school mathematics Master's thesis, 1930 New York state college for teachers, Albany

1465 Johnson, Edward Wallace The technique of study in first year chemistry Master's thesis 1930 University of Wisconsin Madison

1466. Kennedy, William G Prediction of success in elementary chemistry in college based on grades in high school physics and chemistry Master's thesis 1930 New York state college for teachers Albany

1467 Mary Amedia Sister Outline of organic and biological chemistry with laboratory exercises Master's thesis 1929 University of Notre Dame Notre Dame Ind

1468 Mathewson, T Franklin A prognostic test in chemistry Master's thesis 1930 University of Rochester, Rochester, N Y 110 p ms

A brief review of the development of prognostic tests, the development and validation of prognostic tests in chemistry Findings Success in chemistry can be predicted by a pretest.

1469 Morneweck Carl David Preparation and partial standardization of an enriched chemistry testing program and some of its outcomes. Doctor's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 125-33 November 1930 (Abstract)

1470 Noll Victor H Laboratory instruction in the field of inorganic chemistry Doctor's thesis 1930 University of Minnesota Minneapolis Minneapolis University of Minnesota press 1930 164 p

Study of college chemistry teaching at the University of Minnesota Groups having five hours of laboratory per week were compared with (1) those having only three hours (2) those having three hours of laboratory and two hours of assigned reading in chemistry and (3) those having three hours of laboratory and one hour of recitation or quiz. Data are also given on the influence of high school chemistry on achievement in college chemistry and the influence of sex and interest Findings Two hours of laboratory out of five per week do not seem indispensable The best substitute seems to be recitation or oral quiz High school chemistry does not make much difference after two quarters of college chemistry

1471 ——— The measurement of achievement in general inorganic chemistry Journal of educational psychology 20 458-65 September 1929

A comparison of raw scores raw scale scores and weighted scale scores as measures of success and for purposes of prediction Scale scores are superior to raw scores but weighting of scale scores in this instance does not seem worth while that is it apparently adds nothing to their value as measures of achievement or predictions of success

1472 ——— The optimum laboratory emphasis in college chemistry School and society 32 300-303 August 30 1930

Reports the results of several controlled experiments in the teaching of general inorganic chemistry at the University of Minnesota The studies were made with beginning classes during the period 1926-1929

1473 Pershing Kimber M Present specific objectives in high school chemistry 1929 Journal of chemical education, 6 1939-78 November 1929

An analysis of four curriculum investigations six courses of study and six textbooks to determine the present objectives of high school chemistry

1474 Pittsburgh, Pa. Public schools Department of curriculum study and research Course of study in chemistry 1930

1475 Rendahl, Junald L The mathematics used in solving problems in high school chemistry Master's thesis 1929 University of North Dakota Grand Forks 40 p ms School of education record of the University of North Dakota 15 149-51 February 1930

The study was undertaken in order to throw additional light on the question of what mathematics is needed in studying the high-school subjects Findings A knowledge of this study should be valuable to the teacher of chemistry in determining the possible pitfalls in the mathematical comprehension necessary in high school chemistry

1476 Roberts Mattie G The junior college chemistry laboratories Master's thesis 1929 Teachers college Columbia university, New York N Y 50 p ms

1477 Shade Ervin H Advanced experiments in chemistry for high school students Master's thesis 1930 Ohio Wesleyan university, Delaware 300 p ms

A list of useful experiments for high school pupils which does not duplicate usual list The experiments are about equivalent to one unit high school work and are checked judged and partly tested in an attempt to evaluate them

1478 Shell Nell An analysis of high school chemistry texts Master's thesis 1929 University of Kansas Lawrence

1479 Sitea John T Chemical principles concepts and technical terms found in science magazines Master's thesis 1930 University of Chicago Chicago, Ill

An analysis of the chemistry found in the Scientific American Popular science monthly, and Scientific monthly for the period 1923-1929

1480 Stevens, McKinley H. The history of the development of chemistry in the high schools of Philadelphia from 1894 to 1920. Master's thesis, 1930. University of Pennsylvania, Philadelphia.

1481 Stout, Harry O. Reflective thinking and its educational bearings in high school chemistry. Master's thesis, 1930. Ohio state university, Columbus. Columbus, Ohio state university, 1930. 83 p.

Evaluation of traditional versus laboratory plan on the basis of information gained and stimulation of scientific approach to the solution of problems. Findings: Laboratory type of procedure was equal to traditional method in mastery of facts, it was superior to traditional method in fostering interest and problematic approach to solution of problems.

1482 Turcott, George. Status of chemistry teaching in Montana high schools. 1930. State university of Montana, Missoula.

1483 Van Horne, James Don. An experimental comparison of individual and demonstration methods in high school chemistry. Master's thesis, 1930. University of Southern California, Los Angeles.

1484 Wakeham, Glen. High school and college chemistry. School and society, 32: 206-208. August 9, 1930.

During the past seven years a study of the grades of freshman chemistry students for the first quarter has been made in a school offering a single 12-quarter hour course in general chemistry in which no differentiation is made between freshmen who have had high school chemistry and those who have not. A previous high school course in chemistry is shown to have little if any, effect upon the success of a college chemistry student.

1485 Ward, L. A. Determining the specific objectives for beginning chemistry. Master's thesis, 1930. Western Reserve university, Cleveland, Ohio.

A comprehensive list of topics was submitted to about 200 high school pupils and 25 adults requesting that they list questions which these topics suggest. The most frequent questions formed the objectives of the proposed course in chemistry.

1486 Woolley, Mary Ida. A three-year interest program in general chemistry. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 111 p. ms.

A study of the chemical exhibit, chemical literature and the organization and work of a chemistry club. Findings: There are interesting facts and materials available for enriching the study of almost every principle in chemistry.

1487 Wray, R. P. Utilitarian values of chemistry as measured by frequency and pleasure in use. Master's thesis, 1930. Pennsylvania state college, State College.

Testimony was obtained from 178 individuals (part adults and other students in several high schools) as to use of 107 items of chemistry. Five point rating scale was used and average of "frequency" found for each item also of "pleasure". Index of utility is product of the two. Findings: Reliability of the reports was .91. Correlation between the index values for eight groups of adults and the high school pupils was from .64 to .88. Apparently these index values may be obtained from high school pupils without the questioning of adults.

See also 303, 1185, 1215, 1375, 1401, 1438, 2350, 4081.

#### PHYSICS

1488 Blank, Irene B. An experiment in directing thinking in physics. University of Pittsburgh school of education journal, 5: 90-96, March 1930.

An experiment on the use of the study guide method to educational procedure was first performed in two physics classes in the Dormont high school, Pa., during the second semester, 1926-1927. According to mathematical measurement the study guide was effective.

1489 Bonecutter, O. E. Diagrammatic absurdity tests in physics. 1930. University of Chicago, Chicago. III.

The construction of a standardized test to determine the value of absurdity pictures in testing in physics.



1490 Boynton Joshua Bickham Changes in subject matter and methods in elementary physics within the past 100 years Master's thesis 1929 University of Texas Austin

1491 Brasure Ray Elwin An experimental study of the teacher demonstration and the individual laboratory methods in teaching physics Master's thesis 1930 University of Wisconsin Madison

1492 Burnham Merrill S An analysis of the content of high school physics Masters thesis 1930 University of Pittsburgh Pittsburgh Pa 40 p University of Pittsburgh bulletin 27 234-35 November 1930 (Abstract)

1493 Clem Alfred M Pupils errors in physics as a basis for modifying techniques of teaching Master's thesis 1930 University of Chicago Chicago Ill.

Errors made by one group of pupils on the Harvard tests elementary physics were analyzed and techniques of teaching revised in teaching a second group to note the effect of the changes

1494 Comstock Pauline C The place of the physical sciences in the high schools of Texas Master's thesis 1929 Baylor university Waco Texas 100 p ms

1495 Dillaha, Isham Wesley Mathematics essential to freshman college physics Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn 71 p ms

This study covers all mathematical relations of freshman college physics textbooks and laboratory manuals Only four per cent of trigonometry used in freshman college physics is essential All other mathematics essential is ample compared to that of high school mathematics courses

1496 Elliott Loyd Creighton Minimum essentials in high school physics Master's thesis 1930 Stanford university Stanford University Calif.

1497 Friedland Carl L The social utility of the topics taught in a course in high school physics Master's thesis 1930 University of North Dakota University

1498 Glenn Earl R and Osbourn Ellsworth B Instructional tests in physics comparing 24 tests in mechanics heat light and electricity for high schools and colleges Teachers' Bulletin N Y World book company 1930 59 p

1499 Herzog Fred J A course of study in practical physics Master's thesis 1930 University of New Hampshire Durham

A course of study for high school physics.

1500 Hurd A. W Achievements of students in physics Science education 14 437-47 January 1930

1501 ——— The effects of previous upon subsequent courses in physics Educational administration and supervision 16 141-46, February 1930

Data are based on the ratings of two groups of students in unit tests in high school physics given preliminary to and at the expiration of the period of instruction on the unit The groups consisted of students who had and who had not previously studied general science Data indicate that if groups have studied certain topics, they evidence more knowledge of the field and are able to maintain the supremacy through a subsequent course in the same field.

1502 ——— High school physics makes small contribution to college physics School and society 31 468-70 April 5 1930

From data gathered at the University of Minnesota in the school year 1926-1927 from the department of physics, it seems that there is a tendency for students having high school physics to do better work in college physics although it is not definitely marked. It would seem that the best preparation for college physics as taught in the courses investigated would be a mathematical study of formulas. The language used in the college course is not used in the high school course to any great extent.

1503 Hurd A. W. Reorganization in physics. North central association quarterly 4 277-93 September 1929

1504. ——— What are girls and boys getting from their school courses in science? Teachers college record 31 642-47 April 1930

Presents factual data in the field of physical science in the secondary school, showing present achievements of high school pupils

1505 Kiebler E. W. and Curtis Francis Day A study of the content of laboratory course in high school physics School science and mathematics, 29 980-85 December 1929

The purpose of this study was to learn the relative frequency with which various laboratory exercises in high school physics appear in widely used laboratory manuals and the relative importance of these experiments as indicated by judgments of competent experts.

1506 Meyer Stanton Herbert. An evaluation of certain standard tests in high school physics Master's thesis 1929 University of California Berkeley 24 p ms

A study to determine comparable statistical constants on five of the most standard tests in the high school physics Findings The five tests showed relatively wide differences in reliability The coefficients of reliability ranged from 75 to 89 computed from the test scores of a common population of 85 high school students Intercorrelations of the physics test scores were presented The average intercorrelated values indicate that in the case of only one test of this series does the function measured overlap the functions measured by the other tests by as much as 50 per cent

1507 Mongerson Oscar V. An analytical study of references to physics in women's magazines Master's thesis 1929 University of Chicago Chicago Ill 74 p ms

1508 Morrow Paul Reed. The problem of integration to the physical sciences for the later years of the high school Doctor's thesis 1930 University of Cincinnati Cincinnati Ohio 188 p ms

The aims for high-school physical science were investigated through letters questionnaires and a study of current literature The major goals of instruction are development of scientific attitudes understanding of and some degree of skill in the applications of science to everyday life and appreciation of and interest in the physical environment A tentative outline is given which may be utilized for detailed construction of a course of study in unified physical science for the later years of high school

1509 Muthersbaugh G. C. Objectives of a proposed course of study in physics for senior high schools Master's thesis 1929 Western Reserve University Cleveland Ohio School science and mathematics 29 943-53 December 1929

A study of the present objectives of physics derived from courses of study textbooks and treatises on teaching of physics

1510 Oerlein Karl E. The mathematics needed for physics as taught in Upper Darby high school Master's thesis 1930 University of Pennsylvania Philadelphia

Material for this study was gathered from physics classes in Upper Darby high school 1929-1930

1511 Patterson Hurley O. Popular physics—an experiment in teaching physics to students of average ability 1930 Lafayette college Easton Pa 55 p ms

1512 Perrussel Raymond C. A critical study of the relative values of the laboratory method versus the general class method of teaching physics Master's thesis 1930 University of Kansas Lawrence

1513 Ralya, Lynn Louis. Diagnostic tests and remedial instruction in physics. Master's thesis, 1930 University of Wisconsin Madison

1514 Redding Sister Mary Sarel. Relative effectiveness of question versus outline technic in teaching physics Master's thesis 1930 Loyola university Chicago Ill 58 p ms.

1515 Sangren, Paul V Instructional tests in high school physics. Journal of Michigan schoolmasters club, 31 no 24 October 1929

1516 Sawin Edward. Laboratory work sheets in physics Master's thesis, 1930 University of New Hampshire Durham

1517 Shore, David Preston. Demonstration laboratory versus individual laboratory in teaching high school physics Master's thesis 1929 George Peabody college for teachers Nashville, Tenn 71 p ms

1518 Stewart, A W Are we achieving our major aim in physics teaching? Journal of educational research 20 154-53 September 1929

Gives the results of an examination of high school pupils to find out to what extent they apply the principles learned in physics to everyday life

1519 Whipple, Carl Era A study of the use made of the elements of high school physics in the everyday life of the pupils Master's thesis, 1930 Pennsylvania state college State College 56 p ms.

This study was based on 2135 responses to a diary study and 256 responses by 89 pupils to a questionnaire by the seniors in physics in the Altoona high school and 232 responses by 102 pupils in Reading high school and State college Three rank-order lists were made of the elements of physics according to the opinion of importance of the pupils By averaging the means of the elements it was found that there is little difference between the divisions of physics as to use

See also 1215 1375 1401, 1466 3091, 4031

### SOCIAL STUDIES

1520 Anderson, H R. The status of the social studies on the first year college level Doctor's thesis 1930 University of Iowa Iowa City 249 p ms

1521 Annakin, V Dewey A study of the status of sociology in some teacher training institutions of this country Teachers college journal (Terre Haute Ind) 1 109-14, March 1930

1522 Beard, Charles A. The trend in the social studies Historical outlook 20 369-72, December 1929

The article is a summary and an interpretation of the trends in the past 20 years of the content and teaching of the social studies in American schools especially in the high schools The author warns the schools and teachers of the social studies as to the nature and enormity of their task as trainers of the youth of the country

1523 Beck, M L A comparison of the efficiency of the lecture and the socialized recitation in teaching social studies in high school 1930 Alabama polytechnic institute Auburn

A measure of memory of facts comprehension and attitudes resulting from the controlled experiment with two high school classes Findings In getting across information the lecture method showed 10 per cent superiority This superiority disappeared when tested after two months lapse of time Attitudes test proved the socialized recitation distinctly superior

1524 Bryant, Pauline T A teaching outline for social studies in the continuation school Master's thesis, 1930 Ohio state university, Columbus

Findings Activity program of direct contacts and observation were found to be most valuable

1525 Burns, Joseph William The development of the social studies in the secondary schools of Pennsylvania from 1896 to 1930 Master's thesis, 1930 New York university, New York, N Y 78 p ms

The field of investigation was limited to the development of the social studies in the curricula of the public high schools and junior high schools of Pennsylvania Some consideration was given to the social studies in the academies A general review of the development of the social studies in the secondary schools of Pennsylvania shows clearly that one of the outstanding achievements in the progressive educational development of the commonwealth was the introduction and establishment of a new social studies program during the decade from 1920 to 1930

1526 Bush Fanny Elizabeth Social studies possibilities in recreational reading in the fourth grade Master's thesis 1930 George Peabody college for teachers Nashville Tenn 159 p ms

Findings There are opportunities in recreational reading which develop civic ideals worthy home membership unselfishness and cooperation Concrete material in history and geography is brought out

1527 Camp Cordelia North Carolina by problems a handbook for teachers 1930 Western Carolina teacher's college Cullowhee

This handbook aims to tie up the geography history and civics of the state The work is arranged in problems

1528 Connor William L and Redmond Frank A New social studies expenditures and results 1929 Board of education Cleveland, Ohio 142 p ms (Bulletin no 8 part 1 1929)

Test of half of the teaching units and check up of changes in cost of instruction Findings Dynamic units went well abstract units did not achievement in geography improved expenditures for teaching were reduced

1529 Cope Ruth An analysis of the final examination questions used in a university course in introductory social ge Master's thesis 1930 University of Chicago Chicago Ill

A study of examinations in use from 1909 to 1929 in the introductory sociology courses showing changes in content of the course and in the type of questions asked

1530 Crouch John Emmons The results of an objective test in high school sociology in the State of South Dakota Master's thesis 1929 University of Colorado Boulder

1531 Dangler Edward The present status in the teaching and theory of the social studies Master's thesis 1930 College of the City of New York New York N Y 106 p ms

The outstanding conclusion of this study is that unification of the materials of history geography civics economics and sociology is occurring

1532 Dinius Lillian May An analysis of the social studies for the primary grades as described in state courses of study with implications for a special methods class in teachers colleges Master's thesis 1929 Indiana university Bloomington 136 p ms

1533 Faust Alvin Girard An experiment to determine the value of study guide sheets in the learning of problems of democracy Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 265-66, November 1930

1534 Gerberich J R Prediction in principles of economics 1930 University of Arkansas Fayetteville 3 p ms

Prediction of semester grades by an economics aptitude examination given at the entrance to the course The examination was devised to measure aptitude for economics exclusive of previous training The examination was given in three parts Three measures of the predictive power of the entire examination were obtained the first on 10 weeks grades second, on first semester grades, and third on second semester grades Findings Parts 1 and 3 of the test are rather highly predictive but part 2 adds little to the predictive power of the test Part 1 is more highly predictive for the second semester than the first but part 3 loses somewhat the second semester

1535 Greene Charles E Experiment in various time distributions in social science classes and library [1930] Denver public school Denver Colo 9 p ms

A study of equated groups some full time social science classes others part time library classes Findings The groups taking four periods of social science and one of library appeared to gain slightly more than did the group taking social science five days a week

1536 Harney, Thomas Edward. *The Rugg reorganization of the social sciences in the junior high school* Master's thesis, 1929. University of Notre Dame, Notre Dame, Ind

1537 Hayes, Vernon W. *A study of the motivation of social civics through intergroup contests* Master's thesis 1930 University of Kansas, Lawrence.

1538 Henderson, Jetta Fausel. *Curricular organization of the social studies in the junior high school* Master's thesis, 1930 University of Southern California, Los Angeles

1539 Horrall, A. H. *and Social science committee* Course of study in social science for elementary schools 1929 School department, San Jose, Calif. 98 p

Social science in grades 1 to 6

1540 Kansas. State department of education. *Course of study for high schools* Part 4—History and social science Topeka, 1930 68 p.

1541 ————. *Course of study for high schools* Supplement to part 4—History and social science, international relations Topeka, 1930 30 p.

1542 Kennell, Frank Risley. *A concrete proposal for adapting the teaching of the social studies to permit acceleration* Master's thesis, 1930 New York university, New York, N. Y. 60 p. ms

*A study of methods of individual instruction in the social studies* A high ninth grade course in civics has been outlined as a set of "acceleration units" to be worked on by the faster workers in their spare time. The completion of these units will be accepted as the equivalent of high ninth grade social science

1543 Kimmel, W. G. *Management of the reading program in the social studies* Philadelphia, Pa., McKinley publishing company, 1929 110 p. (National council for the social studies Publication, no 4)

Survey of practices and suggestions

1544 King, A. E. *Report of research and study committee of the social science teachers association of the North Carolina education association* 1930 North Carolina education association, Raleigh

1545 Kregel, Luella J. *A summary of social science tests for the junior high school* Journal of educational research, 20: 308-17, November 1929.

Gives the following information concerning each test: name of test, author, when published, standardized norms, grades, reliability, validity, forms, time required, publisher, price, and specific purpose and analysis

1546 McBurney, Naomi Elizabeth. *The reorganization of social studies in secondary schools* Master's thesis, 1930 University of Southern California, Los Angeles

1547, McCormick, J. Scott. *Possible content for a course in the social studies as revealed by an analysis of newspapers* Master's thesis, 1930. University of Chicago, Chicago, Ill

An examination of 96 issues of four different newspapers published in English in the Philippine Islands was made to discover possible content for a course in the social studies for the Philippine schools

1548 Mae, Hazel M. *An evaluation of the types of activities provided for in elementary social studies textbooks* Master's thesis, 1930 University of Minnesota, Minneapolis

1549 Mingus, S. H. *A proposed curriculum in social studies for a rural nation school* 1930 Duke university, Durham, N. C.

A service study in projecting a curriculum in social studies on an experiment basis.

1550 Norfolk Va. Public schools. *Division of research and experimentation. Social studies curriculum revision* 1930 70 p.

1551. Reinhardt, James M. Specialization and fitness of the social sciences School of education record (University of North Dakota), 15 19-29, October 1929

1552. Smith, V. T. A study of the informational content of textbooks in high-school economics Master's thesis, 1929 University of Illinois, Urbana. 65 p ms.

This study is an attempt to discover the consensus of opinion of textbook authors as to the relative importance of the various items of information on the basis of space devoted to those items. It is based on an analysis of 12 high-school economics textbooks. Findings (1) There is a general lack of uniformity in topics treated by different authors and in space devoted to those topics, (2) the topics given greatest emphasis are those that have to do with the industrial element in economics (3) controversial topics are generally given as much stress as noncontroversial topics.

1553. Stadtman, Charles C. Job sheets in social science Master's thesis, 1930 Washington university, St. Louis, Mo

1554. Taylor, Thelma Vogt. Social studies in city school surveys. Master's thesis, 1930 University of Chicago, Chicago, Ill

Analysis of the nature and scope of the social studies as revealed by city school surveys of 1910-1929

1555. Vegher, Mary Rose. A comparative study of children of foreign and American parentage in attaining the dominant objective of the social studies Master's thesis, 1930 University of Southern California, Los Angeles

1556. West, John Chester. An analysis of senior high school sociology Doctor's thesis, 1930 University of North Dakota, University

1557. West, Mary Pearle. The status of the social sciences in the junior colleges. Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 101 p ms

The junior colleges whose catalogues could be secured were studied. The junior colleges east of Mississippi and north of the Ohio river and the Mason and Dixon line were not studied. Findings. History is the most important of the social sciences studied.

1558. Wiechman, Janet Black. A survey of equipment and materials used in social studies departments of the Los Angeles junior high schools. Master's thesis, 1930 University of Southern California, Los Angeles

1559. Yanaga, Chitoshi. The status of the social studies in the junior high school. Master's thesis, 1930 University of Hawaii, Honolulu 131 p ms

A study of the social studies in the junior high schools of the United States as to time allotment, grade placement, program objectives and teaching practices

See also 314, 324, 507, 652, 944, 2059, 2189, 3022, 4346

#### GEOGRAPHY

1560. Alexander, Marie Elizabeth. The teaching of the geography of the South. Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn 107 p ms

The units of study in the thesis were taught to a group of fifth grade children. A period of about 14 weeks was required. By using criteria based on fundamental principles of education as a guide in striving toward worthwhile objectives the teaching was successful, a majority of the children answered 75 to 90 per cent of questions of objective tests, every child improved in methods of work, a majority of the children learned to enjoy geography; they acquired a large body of knowledge

1561. Cadwell, Lucy R. Supervisory needs of teachers of geography Master's thesis 1930 University of Minnesota Minneapolis

1562. Colman, Susan Elizabeth. Materials and method of teaching seventh grade geography Master's thesis, 1930 University of Wisconsin, Madison

1562 Coole Arthur Braddan A commercial geography of China A text book for secondary schools Master's thesis 1930 University of Denver Denver Colo 230 p ms

1564 Cox, Jewel B. Some difficulties in teaching elementary geography Master's thesis 1930 George Peabody college for teachers, Nashville Tenn 171 p ms

Teachers of one county and teachers attending two state teachers colleges were consulted in securing difficulties. Thirteen hundred and twelve questions were compiled of which only 80 were separate and distinct questions of difficulties. The inability of the teachers to define their difficulties was one of the most outstanding problems of the investigation

1565 Cunningham Floyd F The status of geography in the state teachers colleges of the United States Teachers college journal (Terre Haute Ind.) 1 171 73 July 1930

1566 Davis Harriet Farr The relation of the pictures of the text in two types of elementary geographies Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 191 p ms University of Pittsburgh bulletin 27- 252-53 November 1930 (Abstract)

1567 Edmiston Robert W Objective tests at different ability levels. Educational research bulletin (Ohio state university) 8 294-96, September 25 1929

Two groups of high school students were tested in geography The first group had failed in at least one high school subject the members of the second group were a year in advance of those of the first in educational attainment. The results show a lower reliability and validity for the test scores of the group rated lower in intelligence and achievement

1568 Frantz Lillian R Initial sons in geography for the first grade of the Wichita public schools Master's thesis 1930 University of Wichita Wichita, Kans 214 p ms.

1569 Fulton Ina Eugenia Text books in geography Master's thesis 1930 University of Wichita Wichita Kans 81 p ms

1570 Grenels E Myrtle The professional treatment of geography subject matter Master's thesis 1930 George Peabody college for teachers Nashville Tenn 89 p ms

A study of activities selected for professionalizing geography content activities applied to a given course and concrete illustration of professionalized subject matter

1571 Hoppes Gladys Jora Ability of pupils to read pictures for geographical purposes Master's thesis 1930 University of Chicago Chicago Ill

An analytical study of the responses of 917 pupils of city and village schools in grades 4 to 9 inclusive on 81 exercises in the reading of geographical meaning from pictures of agricultural landscapes

1572 Laing Otto B An analysis of the content of elementary geography and conversion into objective tests Master's thesis 1930 University of Iowa Iowa City 307 p ms

1573 Lay, Nancy Ethel Teaching the geography of South America. Master's thesis 1930 George Peabody college for teachers, Nashville Tenn. 102 p ms

1574 Lewerenz, A. S A scale for rating wall maps. 1930. Public schools, Los Angeles Calif 8 p ms

Deriving a check list for evaluating wall maps on an objective basis.

1575 Loper William Floyd A study to determine the effect of the use of equipment in geography upon instruction Master's thesis 1930 Indiana university, Bloomington 35 p ms

1576 McCue Katharine Evangeline Analysis of questions and study problems found in geography textbooks for grades 4-7 Masters thesis 1930 Loyola university Chicago Ill 87 p ms

1577 Mandeville A Dorothy Children's interest in two types of reading material used in geography Masters thesis 1930 University of Chicago Chicago Ill

This study ascertained that 83 per cent of 2,345 pupils actually preferred the type of geography readings which contained the explanatory element rather than mere fact readings

1578 Margon Louis Causes of failure in geography in elementary schools Master's thesis 1930 New York university, New York, N Y

1579 Mason Martha Isabel The evolution of maps in elementary geography Master's thesis 1930 George Peabody college for teachers Nashville Tenn 74 p ms

A study was made of the maps in 3 elementary geographies. Geographies in later years have given more space to maps. The printing matter is more legible in later books and the coloring is of a higher quality

1580 Monroe Mich Public schools Course of study in geography grades 4-6. 1930 73 p ms

1581 Nash, N B Survey of place geography West Hills Wisc., Public school 1929

1582 Patterson M Rose Report on geography achievement in our junior high schools Baltimore Md., Public schools 1930 28 p

An attempt to measure accomplishment in this subject by a standardized test lending itself to analysis of parts of tests as well as total results

1583 Pridden Lorraine Isely A study of the evolution of the geography textbooks 1784-1930 Masters thesis 1930 Duke university Durham N C 96 p ms

A comparison of the aims objectives content and methods as revealed in geography textbooks published for the elementary schools during the eighteenth nineteenth and twentieth centuries the study of the interrelationship between certain large movements in educational history and the evolution of geography textbooks

1584 Roseberry Eulalia Elizabeth An analysis of textbooks in elementary geography Masters thesis 1930 University of Chicago Chicago Ill

1585 Schlosser W H A study of geography in institutions of higher learning Masters thesis 1930 University of Illinois Urbana 84 p ms

A study of present practices in geography teaching in higher institutions. The conclusion is that increasing interest in geography is shown

1586 Smith Marion O One measure of the relative value of geographic terms Masters thesis 1929 University of Iowa Iowa City

1587 Turner Marie Geography course of study 1929 Wilson teachers college Washington D C 20 p ms

1588 Worcester Mass Public schools Course of study in geography 1930 327 p

See also 261 315-316 1400 1527 1531 1606 2977 3099

#### HISTORY

1589 Altman John E. A critical study of the standardized test in American history Masters thesis 1930 Pennsylvania state college State College 74 p ms

A study of 23 standardized tests in American history to determine the periods the type of history and the men events and dates stressed. This study is compared with the results of a former similar study and their lists of American history objectives. Fig 1 figs. Of the content of American history tests 1 present and 2 present



social economic and 10 per cent is military history. The periods from 1865-1897 and 1897 to the present especially the former are not given adequate emphasis in tests. The correlation between such lists of objectives as Bagley's Washburnes and Monroes and the findings of this study is low.

1590 Barr A S and Gifford G W. The vocabulary of American history. *Journal of educational research* 20 103-21 September 1929

Lists 1000 words most frequently used in senior high school textbooks in American history

1591 Bassett Sarah Janet. Factors influencing retention of history in the sixth seventh and eighth grades. *Journal of educational psychology* 20 683-90 December 1929

This article reports data from testing 1364 pupils in grades 6-8 in five public schools in Baltimore on ability to retain history. Data show positive though low relationships between retention and mental age, subject preference and reading comprehension.

1592 Beatty James R. High school pupils' ability to appraise the certainty of possession of their knowledge in American history. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. 40 p. *University of Pittsburgh bulletin* 27 222-23 November 1930 (Abstract)

1593 Bedillion James Clark. A vocabulary study of fifth and sixth grade history based upon 10 modern textbooks. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. *University of Pittsburgh bulletin* 27 223-24 November 1930 (Abstract)

1594 Benedict Howard Leavenworth. An experiment with the indeterminate assignment in teaching American history. Master's thesis 1930. University of Southern California Los Angeles

1595 Bennett, V Estelle A. *Vitalizing History by means of handwork*. Master's thesis 1930. Rutgers university New Brunswick N J

1596 Bonomolo Paul Joseph. The development of the study of history as exhibited in curricula of the secondary schools of the United States. Master's thesis 1929. New York university New York N Y. 54 p. ms.

1597 Brown Harriet McCune. *Teaching aids and activities for junior high school history*. Master's thesis 1930. University of Southern California Los Angeles

1598 Carter, Thyra. *Basic elements in American history textbooks*. Master's thesis 1929. University of Iowa Iowa City

1599 Church, Russell L. The application of United States history to the social and personal problems of high school pupils. Master's thesis, 1930. University of Pittsburgh Pittsburgh Pa. 53 p. *University of Pittsburgh bulletin* 27 242-43 November 1930 (Abstract)

1600 Cordonnier Vern A. An experimental study of teaching American history by the use of maps. Master's thesis 1930. Syracuse university Syracuse, N Y. 115 p. ms.

Findings. Through objective means the study revealed that special drill in the use and interpretation of maps leads to greater achievement in history and greater pupil activity.

1601 Craig Ethel Claire. *Methods in the teaching of high school history*. Master's thesis 1930. University of Southern California Los Angeles

1602 Delahee, Isabel W. Relationship between various abilities as measured by a psychological test and success in history. Master's thesis 1930. New York state college for teachers, Albany

Findings. Correlation between Regents high school average in history and first semester college marks was highest between reading scores on test and first semester marks next highest and between reading scores and Regents averages lowest.

1603 Douglas, George Honston Maps and illustrations in junior high school American history texts Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn. 53 p ms

1604 Erickson, Elinor. New type tests in American history for the senior high school. Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn. 225 p ms

The study includes new type tests made on Fish History of America, and Muzzey, History of the American people, and a discussion of the uses and limitations of new type tests. Findings It is concluded that there is a place for various types of examinations

1605 Fincher, Maxine Development of methods and materials in American history for the secondary schools of the United States Master's thesis 1929 University of Texas, Austin

1606 Fischer, Rosalia S An analysis of the geographical background needed in the study of European and American history 1929 Ohio state university, Columbus 98 p ms.

Findings The knowledge of geography required for the study of history, while small is of fundamental importance to the understanding of history

1607 Freeble, Charles B. An experiment in directing thinking in modern European history University of Pittsburgh school of education journal, 5 97-100, March 1930

An experimental study in modern European history was conducted in the Ambridge senior high school, Ambridge Pa., during the first semester of the school year 1928-1929. Two groups of students who were beginning the tenth year were used as subjects. Data indicate that the study guide plan of instruction had an advantage over the contract plan

1608 Gall, Morris. The effectiveness of various new type question forms in testing types of mastery of historical material Master's thesis, 1930 College of the City of New York, New York, N Y 115 p ms

A survey of forms employed together with their evaluation in the light of principles and facts of test construction

1609 Gould, George An experiment in the supervision of American history Doctor's thesis, 1929 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, vol 26, no 1, October 15, 1929 (Abstract)

This is an attempt to compare the effects of several types of secondary school instruction measured in terms of pupil achievement in American history. A comparison of test results reveals very little evidence to indicate that the techniques of instruction in the control groups were more effective than the program of instruction used with the experimental groups, the experimental groups showed evidence of independence in study at the close of the semester

1610 Grunizer, William Franklin Some difficulties children encounter in the reading of historical material Master's thesis 1930 University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin, 27 274-75, November 1930 (Abstract)

1611 Gunn, Henry Martin A history test for the Portland public schools. Master's thesis 1930 University of Oregon Eugene 20 p ms

1612 Hatch, H Thurston A study of word frequency in American history textbooks Master's thesis, 1930 University of California Berkeley 46 p ms

A study to determine from a critical analysis of eight standard American history texts the special or technical words commonly encountered in a course in American history in the senior high school and those words most likely to cause difficulty to students in such a course. Findings (1) Approximately 99 per cent of the 1084 words of the list will cause difficulty to the average student in American history, (2) since 58 per cent of the words of the list were found to occur in 50 per cent or more of the texts reviewed it may be concluded that there are at least 500 words in any one of the texts reviewed that might cause difficulty for the average high school student in American history, (3) the 315 per cent of the words of the list occurring in all of the texts may be considered the technical vocabulary of an American history course and (4) the findings prove the vocabulary burden of the average high school text in American history is too difficult for those for whom it is designed

1613 Hathaway, Gladys M. Vocabulary difficulties in a fourth grade history test. *University of Pittsburgh school of education journal*, 5: 116-23, June 1930

This article presents an analysis of the nature of the vocabulary difficulties of Eva March Tappan's American hero stories, and the results of tests given to fourth and fifth grade children to measure the degree of difficulty in the comprehension of these terms experienced by the children. Two hundred and fifty difficult words were chosen and studied. The extent of vocabulary difficulties in fourth grade children's comprehension of the textual materials of history is marked.

1614 Hilleman, R. U. Use and supply of historical sources in high school history. *Master's thesis*, 1930. *University of Chicago, Chicago, Ill.* 82 p. ms.

A history of the use of sources in high school from 1885 to the present time. A variety of methods employed and a variety of source books available for use were found.

1615 Hosford, Truman Charles. *The treatment of women in textbooks in American history. Master's thesis*, 1930. *University of Chicago, Chicago, Ill.*

An analysis of 24 senior high school textbooks and 58 junior high school textbooks in American history.

1616 Houtz, Kathryn. Oral collateral reports of enough value to warrant classtime consumption. 1930. *Pennsylvania State college, State College*, 65 p. ms.

Two sections of students in modern and medieval European history were studied. Two methods were used with paired males and reactions. Findings: Oral report appears to have a slight value, but it is a question whether it is of enough importance to utilize class time for it.

1617 Hyde, Richard E. The preparation and partial standardization of unit tests in American history. *Doctor's thesis*, 1929. *University of Pittsburgh, Pittsburgh, Pa.* *University of Pittsburgh bulletin*, 26, no. 1, October 15, 1929.

The specific problem of the study was to construct unit tests for a high school course in American history, and to partially standardize these on the scores from 3,523 pupils.

1618 Jay, Kelley D. Abilities measured by certain standardized reading tests as related to accomplishment in American history. *Master's thesis*, 1930. *University of Iowa, Iowa City*, 48 p. ms.

1619 Johnson, Lowe Gibson. Making lesson plans in history. *Master's thesis*, 1930. *George Peabody college for teachers, Nashville, Tenn.* 120 p. ms.

1620 Keeler, Katharine, and Sweet, Mayme. History studies in the third grade. 1930. *Teachers college, Columbia university, New York N. Y.* 120 p. ms.

This monograph discusses techniques including activities and materials used in studying the local history of a community. The material deals primarily with the Manhattan Indians and Dutch settlers. The procedures should be suggestive to other communities in making their own history studies.

1621 Kelly, William A. An experimental learning study to determine the relative effectiveness of two methods of teaching history in the secondary school. *Doctor's thesis*, 1929. *New York university, New York, N. Y.*

1622 Leinbach, Frank B. An analysis of high school pupils' vocabulary difficulties in United States history. *Master's thesis*, 1930. *University of Pittsburgh, Pittsburgh, Pa.* *University of Pittsburgh bulletin*, 27: 318-19, November 1930. (Abstract)

1623 McClure, Joseph Perry. An experimental study of the effects of two plans of distributing study and discussion in the unit method of teaching history. *Master's thesis*, 1930. *University of Colorado, Boulder. University of Colorado studies*, 18: 87-88, December 1930. (Abstract)

The purpose of this study was to investigate the effects of two plans of distributing study and discussion in the unit method of teaching history. The experiment was conducted in the Longmont, Colo., high school during the first semester of 1929-1930. Two groups of 25 each were paired and studied.

1624 McDonald David An analysis of the trends in content of American history texts used in secondary schools 1840-1930 Master's thesis, 1930 University of Southern California Los Angeles

1625 McLean, Jessie History stories for fourth grade 1930 Central state teachers college Mount Pleasant, Mich

1626 Manross, Martha D Graphic materials in American history textbooks for secondary schools Masters thesis, 1930 Yale university, New Haven, Conn.

1627 Massachusetts Department of education Material suggested for use in the schools in observance of the tercentenary of Massachusetts Bay Colony and of the General Court and one hundred fiftieth anniversary of the adoption of the constitution of the Commonwealth Boston, 1930 222 p (Bulletin, 1930 no 1 whole no 212)

1628 Mitchell, Elene Teaching value of new type history test World book company, Yonkers on Hudson N Y 1930 175 p

1629 Miller Dell Phipps Overlapping in history textbook factual material on the slavery controversy Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 130 p ms

Two junior and two senior high school history texts were examined. Findings Overlapping occurs mainly in the giving of the basic facts of the slavery controversy The extent of overlapping is less than 19 per cent in any of the comparisons made

1630 Mullen, Nellie Veronica Use of extracts of sources in high school history Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 84 p ms

1631 Neely, Mary Elizabeth A study of manuals for history courses of secondary schools Master's thesis 1930 George Peabody college for teachers Nashville, Tenn 123 p ms

One hundred and sixty-one manuals were examined for the following features aim of author organization of contents supplementary reading, learning exercises maps tests and miscellaneous aids Findings Four types were found workbooks syllabi review books map manuals Approximately one-half of them contained the above mentioned aids

1632 Parker Cleo A study of the vocabulary of modern European history textbooks used in Hamilton county Master's thesis 1930 University of Cincinnati Cincinnati Ohio 47 p ms

The purpose of this study was to learn the degree of vocabulary difficulty of the modern European history textbooks used in Hamilton county Conclusion The meaning in modern European history textbooks is obscured to a large extent by a vocabulary that is too difficult for the average pupil That this difficulty is not inevitable is shown by the fact that less than half the little known words are really necessary for history comprehension. The vocabulary should be simplified by the elimination of the uncommon words having no historical significance The pupil can then devote his energies to the mastery of words of real importance in history

1633 Praeger, Ethel May Historical materials in readers for the first six grades of the elementary school Master's thesis 1930 University of Chicago, Chicago Ill.

1634 Quinn Anna Elizabeth Two interpretations of history, the economic and the spiritual Master's thesis 1929 New York university New York N Y 63 p ms

1635 Schmidt, John F Predicted retention measured against the actual retention of knowledge in United States history as determined by tests given to sophomores and juniors in 19 Iowa high schools Master's thesis 1929 Iowa state college Ames 53 p ms

1636 Simpson, Robert Gilkey The effect of the specific training on ability to read historical materials Journal of educational research, 20: 343-51, December 1929

A study based on the score of 606 pupils in grades 5-7

1637 Smith Carl L. The treatment of ancient history in four typical world history textbooks Masters thesis, 1930 Ohio state university, Columbus. 60 p. ms.

An examination of four world history textbooks from the standpoint of the selection of facts and the presentation of them With reference to space allotments to ancient history ancient civilizations of ancient history and types of facts in ancient history these textbooks differ considerably Military and political history are well represented, economic educational, and scientific history are not well represented The principle of continuity is not always shown adequately and the leading contributions of the past to our present civilization seldom receive the major emphasis It takes a considerable amount of teaching skill to use these books effectively in the class room

1638 Spangler, Dessie Pearl The effectiveness of supervision of instruction in United States history by means of a study guide Masters thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27: 388-89, November 1930 (Abstract)

1639 Stephenson Orlando W and McGehee, William Roy The vocabulary common to civics and American history Journal of educational research, 23: 55-59 June 1930

A comparison of the vocabularies of civics and American history shows that more than one-third of the 723 words in "The special vocabulary of civics" go to make up the 1821 words in "The vocabulary of American history"

1640 Texas State department of education Texas high schools The teaching of history and other social subjects Austin, 1929 140 p. (Bulletin, vol 5, no 8, September, 1929 no 260)

This bulletin was written with the following objectives (1) To give in brief a survey of the teaching of history and other social studies in Texas high schools (2) to offer suggestions as to methods of teaching general equipment, and special aids to teachers, and (3) to give a general organization of the various social studies

1641 Thompson, J. L. Administrative setup for local history, GA. 1930. Public schools, Newburgh N. Y. 7 p. ms.

1642 Thompson, Walter L. Comparison of junior and senior high school texts in history Masters thesis 1929 University of Iowa Iowa City 200 p. ms.

1643 Wallick, Roy C. Organization of course in American history according to levels of difficulty in thought processes 1929 Upper Darby high school, Upper Darby, Pa 150 p. ms.

1644 Waters, Suzanne B. A comparative study of the results obtained by teaching history in the ninth year junior high school by the contract method and the textbook assignment and daily recitation to a homogeneous and heterogeneous group Masters thesis, 1929 George Washington university, Washing

omission of significant facts, fundamental mis-conceptions and incorrect statements. Data indicate that superior pupils may waste their time on exercises which are effective in improving the work of average and near problem children. The formal method of instruction is of value in the case of pupils in the low and middle thirds and is of practically no value for pupils in the high third. Neither the formal nor informal method of instruction is distinctly superior in enabling pupils to reduce the number of errors of every type studied.

1646 Weaver, Robert B. Formal and informal instruction in United States history in the seventh grade. *Elementary school journal* 30: 755-65, June 1930

1647 Weber, Mary M. A study of concept development in American history. Master's thesis, 1930. University of Wisconsin, Madison

1648 White, Ada Maye. Content of the books on teaching history in secondary schools. Master's thesis 1930. George Peabody college for teachers, Nashville, Tenn. 80 p. ms.

The aim of this study is to organize and apply contents of the books to a solution of the history teacher's problems. Findings: The problems of the history teacher are not hopeless of solution; suggested solutions are presented.

1649 Whitehead Beulah O. A study of development of concepts in American history. Master's thesis, 1930. University of Wisconsin, Madison

1650 Wiener, Abraham. The construction and validation of objective tests in historical information for use in the seventh and eighth grades of the elementary school. Master's thesis, 1930. College of the City of New York, New York, N. Y. 46 p. ms.

Construction of a test embodying available principles of test construction and applying specifically to the New York City course of study. Testative trial of the test seemed to indicate its adequacy.

1651. Williams, E. I. F. A course in the professional treatment of subject matter in history. *Educational administration and supervision* 13: 416-18, September 1929

During the summer of 1929 the author presented a course organized on the principles of professionalized subject matter courses with high school history as the subject matter to a group of 22 advanced and graduate students at West Virginia university. From the point of view of the students and of the instructors professionalized subject matter courses justified themselves as worthy of a place in teacher training programs.

1652 Wilson Florence and Wilson, Howard E. A bibliography of American biography selected and annotated for secondary schools. Philadelphia, Pa., McKinley publishing company, 1930. 61 p. (National council for the social studies. Publication, no. 5)

A list of approximately 500 titles selected on the basis of their historical accuracy, their literary merit, and their pedagogical usefulness.

1653 Wilson, Mary C. A study of biographical material for use in the fifth grade. Master's thesis 1930. George Peabody college for teachers Nashville, Tenn. 112 p. ms.

A study of material for use in the presentation of 10 characters in the fifth grade. Eighty-one books were examined. Vocabulary difficulties of material nature of the content of the books and physical make up were noted.

1654 Wolfram, Claude Milton. Study recitation versus recitation study in United States history in the junior high school. Master's thesis 1930. University of Wisconsin Madison

See also 209, 244, 266, 274, 286 302 307, 312 316 318 321-322 652, 1527, 1531, 1541, 1961 (5), 2065, 2068, 2977, 2995 3007, 3748, 4316 4511, 4651

#### PSYCHOLOGY

1655 Cuff, Noel B. The law of use. *Journal of educational psychology*, 20: 438-47, September 1929

Seventy-five students in general psychology at David Lipscomb college in 1927-1928 were given 18 tests each to test objectively conclusions relative to the law of use based

upon Ebbinghaus' statement that each repetition after learning has practically the same effect. Data indicate that additional practice after a series is learned may be useful, unless or worse than useless.

1656 Menhennett, Winfield W. Causes of failure in psychology in State teachers college at West Chester. Master's thesis, 1930. New York university, New York, N. Y.

1657 Shirley, Mary and Hevner, Kate. An experiment in teaching laboratory psychology by the project method. *Journal of applied psychology*, 14, 300-54, August 1930.

The purpose of this study was to evaluate a project method of teaching the elementary psychology laboratory course by comparing two groups of students taught by this method with two other groups of students taught by the same instructors under the same conditions but by the ordinary routine method. The study was carried on during the academic year 1928-1929 with laboratory classes in the department of psychology at the University of Minnesota, and includes results from six class groups comprising 226 students. Students taught by the project method learn as much as regular students when their work is measured by the ordinary "objective examination" for the laboratory course, according to available objective evidence the project students derive as much interest and satisfaction from their work as the regular students.

1658 Yourman, Julia. Selection and evaluation of content of courses in psychology in teacher training institutions. Master's thesis, 1930. New York university, New York, N. Y.

See also 511, 2913, 3031, 4322

#### MUSIC EDUCATION

1659 Baker, Mary Louise. Comparative accomplishments in sight singing with small and large groups. Master's thesis, 1929. University of Iowa, Iowa City.

1660 Bannan, Mary Frances. A comparison and evaluation of six elementary music courses. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 57 p. ms.

Six music courses namely, Holbe Dunn Universal music, Progressive music, Music hour, music education and Foreman were compared and evaluated according to authoritative opinion in elementary education and in music education. Findings: No one of the six methods can be recommended as supplying all the needs of music education.

1661 Beck, Paul Eugene. Teaching music from the basis of appreciation. Master's thesis, 1930. New York university, New York, N. Y. 104 p. ms.

An examination of curricula in music education from many widely separated points in the United States was made and Harrisburg, Pa., was surveyed for all phases of a city's music, domestic and public. Curricula in music appreciation of state teachers colleges in Pennsylvania were compared. Findings: Teaching music from basis of appreciation is not general throughout the United States. Courses now in use are good. High value of music contests, music festivals etc. in teaching music from basis of appreciation was revealed. The growing demand for more and better municipal music is being met by increased appropriation of public money for the purpose of promoting music. Conditions in music education in Harrisburg, Pa. were found to be closely paralleled in other cities. Physiological and psychological sources of such response to music as constitute, in human beings, appreciation, were noted.

1662 Bennett, Beulah May. Present status of music in the public junior college and a proposed curriculum. Master's thesis, 1929. New York university, New York, N. Y. 74 p.

1663 Board, Lorraine M. Allen. A musical survey based on an intensive analysis of the Thomas Jefferson platoon school, Glendale, Calif. Master's thesis, 1930. University of Southern California, Los Angeles. ms.

1664 Breed, Victor T. The Scholae cantorum in the early middle ages. Master's thesis, 1930. Catholic university of America, Washington, D. C. 84 p. ms.

1666 Broom M. E. A note concerning the Seashore measures of musical talent. School and society 30 24-75 August 21 1929

Presents information concerning differences in the findings yielded by the six basic capacities which underlie general music ability for adults and for junior high school pupils. Scores for 82 college juniors and seniors in the San Diego state teachers college and for 102 ninth grade pupils of the Woodrow Wilson junior high school of San Diego were considered. Data were collected during the school year of 1927-1928. Findings for the adult group indicate that the tests measure different variables as they purport to do. The indication is that the six tests at the junior high school level do not measure different variables as they purport to do.

1666 Cheyette Irving Four and twenty folk tunes New York Carl Fischer Inc 1930 500 p

A study made under the general auspices of the Music department of the Horace Mann high school Teachers college

A creative instrumental primer A method devised to teach children the appreciation of music orchestra routine instrumental technique and music terminology through the ensemble approach. The material incorporated was used in grades 5 and 6 in the Horace Mann school for two years, permitting an evaluation of material and experimentation with many combinations of instruments in ensemble.

1667 Church, Norval Luther A statistical study of the Seashore "Measures of musical talent" and the Kwalwasser Test of melodic and harmonic sensitivity. Master's thesis 1930 Stanford university Stanford University, Calif

1668 Coleman Satis N First steps in playing and composing New York city Lincoln school Teachers college Columbia university 1930 112 p

Guidance in children's composing and their first experiences in playing on simple instruments

1669 ——— The Marimba book. New York city Lincoln school Teachers college Columbia university 1930 112 p

A study of the background and history of the marimba and instructions as to how to make them and tunes to play on them.

1670 Davidson Clyde Ostrand A study of some aspects of musical guidance for pupils in junior and senior high schools. Master's thesis 1929 University of Kansas Lawrence.

1671 Dillon Frances Helen A study in the relation between rhythm and coordinated movement. Master's thesis, 1930 University of Wisconsin Madison

1672 Doyle Price The administration of student teaching in music. Master's thesis 1930 University of Cincinnati Cincinnati Ohio 63 p ms

A study of replies from 100 institutions in 31 states and replies regarding distribution of students time from 48 student teachers representing 25 state teachers colleges in 20 states in order to determine how student teaching music compares with student teaching in the general field as to length of courses prerequisites for student teachers extent placement and amount of credit granted observation lessons distribution of students time over various activities and agents in supervision and rating of student teachers

1673 Evans Grace E Suggestions for simple drill and simple tests in aural and notation perception in the high school choral class. Master's thesis 1929 Teachers college Columbia university New York N Y 35 p ms

1674 Gardner Anna E. A study of certain phases of musical ability in young children of different nationalities. Master's thesis 1930 New York state college for teachers Albany

Wide variations in ability and some significant differences were found

1675 Geist Harrison Daniel The educative influence of church music in the light of its history. Master's thesis 1930 New York university New York, N Y 67 p ms

A study of the educative influence of church music its value in worship the importance of the correct use of music in services so as to give expression to religious experience and



its value in better living in the community by adults and children Findings. In religious education music attracts, it fixes the attention, it aids in the remembrance of truths revealed Music brings truths of religious realities into life in such ways as to insure its possibilities of being freely reexpressed and creating atmosphere and mood favorable to the development of true Christian character and life

1676 Gray, C T and Blingham, C W. A comparison of certain phases of musical ability of colored and white public school pupils Journal of educational psychology, 20: 501-506, October 1929

A total number of 258 colored and 219 white pupils from colored and white public schools in cities in Texas were examined The superiority of the whites when compared with either mulattoes or negroes seems apparent in most comparisons made When training has been applied, the mulatto is superior to the negro A relatively high correlation is found between total musical score and index of brightness

1677 Guinn, John Alonzo The public school music situation in the United States Master's thesis, 1929 University of Texas, Austin

1678 Halstead, Edwin E Music appreciation in the public schools, its history, meaning, and aim and the principles and techniques governing its development Master's thesis 1929 New York university, New York N Y

1679 Harmer Ralph L An analysis of the present status of band work in those schools that have placed in national and state contests Master's thesis, 1930 Colorado state teachers college, Greeley. 200 p

1680 Hayes, Richard Francis A program of rhythmic activities for junior and senior high school boys Master's thesis, 1929 New York university, New York, N Y

1681 Henderson, Ruth An elementary curriculum in music Master's thesis, 1930 Indiana state teachers college, Terre Haute 261 p ms

1682 Highsmith, J. A. Selecting musical talent Journal of applied psychology, 13: 486-93, October 1929

A study, based upon the record of 59 girls who entered the school of music of the North Carolina college for women in September 1922, was made to find out the relation between students' scores in the Seashore measures of musical talent and their success in courses taken in the school of music The Seashore test proved of doubtful value as means of predicting the probable success of students in music.

1683 Kraus, Henry S and Harap, Henry. The musical vocabulary of newspapers and magazines. 1930. Western Reserve university, Cleveland, Ohio. 11 p ms.

This study involved the reading of 81 issues of representative magazines and newspapers comprising over 7,000,000 running words and yielding a musical vocabulary of 355 terms Of the 355 musical expressions found in newspapers and magazines, 110 or 31 per cent were included in Thorndike's list of 10,000 most common words

1684 Larson, Ruth Crewdson Studies on Seashore's Measures of musical talent. Doctor's thesis, 1929 University of Iowa, Iowa City 125 p ms

1685 McNeil, Carol N Musical performance given before the public by students of selected larger high schools Master's thesis, 1930. Northwestern university, Evanston, Ill.

1686 Markham, Margaret M. An experiment in the measurement of musical ability of children in grades 5 and 6 of city public schools Master's thesis, 1930 New York state college for teachers, Albany.

Superior accomplishments were shown by sixth grade pupils and girls; problems of greatest difficulty were combining tone and rhythm and recognizing key signature

1687 Mary Clare, Sister. Vincent d'Indy and his art theories as revealed in Cours de Composition musicale Master's thesis, 1929. University of Notre Dame, Notre Dame, Ind

1688 Meister, Florence G. A study of the orchestras in the public schools of New York City. Master's thesis, 1930. College of the City of New York, New York, N Y. 53 p ms.

Questionnaire interview and observation study of many phases of orchestra work in elementary and junior high school

1689 Monroe, Samuel Frederic. The development of instrumental music in the public schools of the United States. Master's thesis 1930. New York university, New York, N Y. 115 p ms.

A study of public school music from the time of Lowell Mason and of the causes of the rapid development of instrumental music in United States public schools since 1915. Findings. The field for the sale of musical instruments to public schools is barely touched. Plenty of teachers of instrumental music are available. Definite standards for teachers have not yet been formulated though a college degree seems increasingly necessary. There are numerous schools offering degrees for supervisors of instrumental music, the number is increasing right along.

1690 Moon, Doris E. Diagnostic tests in harmony. Los Angeles, Calif., R L Jones, 1929.

Test comes in booklet form containing two parts. 25 pages in each part. Part 1 covers elementary theory up to harmonization of 3 tone melodies. Part 2 covers harmonization of 3 tone melodies involving use of tonic and dominant chords and their inversions.

1691 Moore, Helen. Research in pedagogy and piano technique. 1929. Rollins college, Winter Park, Fla.

1692 Moos, Gretchen A. Opportunities for music education in Minnesota, 1929-1930. Master's thesis, 1930. University of Minnesota, Minneapolis.

1693 Musselman, Alice. The extent to which students elect music after a preliminary year of required music in ninth grade. Omaha, Nebr., University of Omaha, 1930.

Questionnaires were sent to cities of about the same size as Omaha. Replies were received from all of the high schools in each of these cities. The purpose was to determine the extent to which music was required in the high schools of mediumly large cities and the effect of this requirement on the number of students electing music after completion of the requirement. Conclusions. A greater percentage of students elect music in the four year high school following an initial requirement.

1694 National conference of music supervisors. Research council. Survey of college entrance credits and college courses in music. New York city. National bureau for the advancement of music. 1930. 209 p.

A survey of 600 senior and junior colleges throughout the country.

1695 Phillips, Mabel Gossman. A case study of the monotone problem in the junior high school. Master's thesis, 1929. Indiana state teachers college, Terre Haute. 95 p ms.

An experiment was carried on with 35 pupils classed as monotones. A case study was made of each pupil with reference to grade age, IQ rating, scholastic standing, school musical opportunity, environmental and personal traits. Scores made on tests, causes for monotony in each case, and remedial measures which were most helpful to the individual. It was concluded that monotony in the junior high school is more prevalent among boys than among girls, each monotone is an individual case and should be treated accordingly. Contributory causes found most frequently were timidity and self-consciousness, lack of proper musical opportunity and individual training in the primary grades, lack of musical environment and encouragement in the home, limited tonal range, defective hearing, lack of innate musical talent and of interest in music. Monotony in junior high school pupils can be cured by segregation and careful systematic drill on helpful vocal exercises accompanied by patience of pupil and teacher.

1696 Pittsburgh, Pa. Public schools. Department of curriculum and research. The vocational value of music to high school pupils. 1930.

1697 Ralson, Mary M. Status of public school music in Ohio. A survey and evaluation. Master's thesis, 1930. Ohio Wesleyan university, Delaware.

This study contains data showing amount and kind of musical instruction, facilities, financial support, teachers' qualifications and compensation. There are some data on history and detailed objectives with recommendations for improvement.

1698 Randall Clarissa Addie The teaching of music history Master's thesis 1929 New York university, New York N Y 50 p

1699 Salisbury Frank S and Smith, Harold B Prognosis of sight singing ability of normal school students Journal of applied psychology, 13 425-39, October 1929

An experiment was conducted at the Bellingham state normal school during 1926 and 1927 with two experimental groups of students Pitch and tonal memory were found to have very significant predictive value

1700 Schuette Marie Anna An evaluation of opinions of principals and their beginning music teachers concerning the adequacy of teacher training courses offered by New York institutions Masters thesis 1930 University of Southern California Los Angeles

1701 Seashore Carl E The measurement of pitch intonation with the tonoscope in singing and playing Iowa City University of Iowa [1930] 30 p (University of Iowa studies, First series no 172 February 1 1929)

1702 Spurgin Holland Abram A study of the dominant characteristics of adolescent children having superior untrained musical talent. Master's thesis, 1930 University of Southern California Los Angeles.

1703 Stuart William H First lessons in violin playing an elementary method for violin class instruction Masters thesis 1929 Teachers college Columbia university New York N Y 22 p ms.

1704 Ulmer Roland C The place of music in the curriculum of the Catholic high school Master's thesis 1929 Catholic university of America Washington D C 75 p ms

1705 Vernon P E A method for measuring musical taste Journal of applied psychology, 14 355-62 August 1930

A study was made of the musical taste of 104 subjects

1706 Warner, Helen History of public school music 1929 Rollins college Winter Park Fla

1707 Washington (State) Department of education. Music in junior and senior high schools Olympia 1930 103 p

See also 301 632 2366

#### ART EDUCATION

1708 Barnhardt Mrs Jane Sargent Survey of the present status of art in the public schools of the United States and a study of state supervision Master's thesis 1930 University of Akron Akron, Ohio 45 p ms

A study of the history of art in the United States cooperating agencies present status of art in the schools and state supervision of art Presents data on status of art in 30 states regarding requirements in state curricula and requirements in teacher training

1709 Behrns Mrs Abbie C A suggested course in art education for Hawaiian elementary schools Master's thesis 1930 University of Hawaii, Honolulu 217 p ms

1710 Bird, Milton Hawkins A study in aesthetics. Doctor's thesis, 1930 Harvard university Cambridge Mass 290 p ms

Seven hundred and ninety-eight pupils were given the Dearborn group tests for intelligence and 248 pupils were given the Goodenough intelligence test as well as the Dearborn Three thousand, one hundred and thirty-eight drawings were judged on three points. Pupils ranged in age from six years to 14 years 11 months in grades ranging from the first through the first year high school The writer suggests a new approach to the teaching of drawing in which observation and communication are stressed rather than imitation A selected bibliography is included to cover the field of aesthetics

1711 Bond, Gladys Helen A study in comparison of the art abilities of children of various nationalities. Master's thesis, 1930 University of Southern California, Los Angeles

1712 Boswell Mary Kathryn. A compilation of theories relative to engendering art appreciation. Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn 84 p ms

Findings Art appreciation is a personal emotional and intellectual reaction. It is of value as it affords to one a fuller and richer life a worthy use of leisure time and ability of selective judgment in choice of clothing and articles for daily use. It is engendered in a gradual manner through environmental contact participation in technical processes and formal study

1713 Boyce Ruth A study of the fine arts courses in state teachers colleges. Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 123 p ms

A study of state teachers colleges offering four years work above secondary schools and granting degrees to ascertain the number of courses and quarter hours offered at each college, number of hours offered in appreciation skills and method the various names given to the department of fine arts and the type and variety of work which is being offered in fine arts in the state teachers colleges

1714 Carr, Almon R Objective test in mechanical drawing. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 57 p ms

A study of mechanical drawing tests was made and a method for making a test was demonstrated. Findings Only one test has been standardized. There is a need for standardized tests for mechanical drawing

1715 Cleary, Stephen Farrell An analysis of mechanical drawing for standardization and teaching purposes. Master's thesis 1929 Cornell university, Ithaca, N Y

1716 Clinton R. J Nature of mirror drawing ability, norms on mirror drawing for white children by age and sex. Journal of educational psychology 21 221-28 March 1930

Data on mirror-drawing ability were obtained from 1903 unselected students in four school systems in elementary and high school grades and from two groups of university students in educational psychology. Findings There is little if any relation between mirror-drawing ability and general intelligence

1717 Conesny, Hero Lucile. A comparative study of two methods of developing color appreciation in the junior high school. Master's thesis 1929 University of Denver, Denver, Colo 105 p ms

The following questions were studied (1) If pupils show a marked preference for a particular color, will this color preference influence them in choosing color combinations? (2) Is the use of a color theory beneficial in the development of color appreciation? (3) Does the knowledge of one color theory make the pupil dependent upon the rules of this theory or does it lead to a wider appreciation of the accepted color harmonies?

1718 Dollard Marie J The teaching of lettering the Roman alphabet by the developing and dictative methods. Master's thesis 1930 University of Pittsburgh, Pittsburgh Pa University of Pittsburgh bulletin 27 250-57 November 1930 (Abstract)

1719 Donnelly, Theresa Jane The lure of color in pictures for children. Master's thesis 1930 Loyola university, Chicago Ill 77 p ms

1720 Draught R. Alice A survey of studies in experimental aesthetics. Journal of educational research 20 97-102 September 1929

1721 Fischer, Herbert A, Jr The machine and how it has affected design. 1930 New York university New York N Y

A study of the effect the machine has produced in design and the changes made in design. Findings The machine has changed design to some extent. As yet the manufacturers have not necessarily understood the advantages in changing their designs to meet the demands of the machine. Art in the majority of our schools is still in the period of handicraftsmanship and has not met the demands of the machine age

1722 Goldsworthy Phyllis *and committee* Art course of study for elementary schools San Jose school department San Jose Calif 1929 58 p ms

1723 Haller Alfred J An experimental study in aesthetic appreciation. Master's thesis, 1930 University of Pittsburgh Pittsburgh Pa 34 p University of Pittsburgh bulletin 27 277-78 November 1930 (Abstract)

1724 Hankammer Otto A Content of high school drawing Master's thesis 1930 Ohio state university Columbus 102 p ms

1725 Israel, Nathan Variability and central tendency in aesthetic judgments Journal of applied psychology 14 137-49 April 1930

The article reports data on variability and central tendency in aesthetic judgments of colored triangles and painting reproductions in colors. One hundred and sixty-two subjects were tested 47 of the subjects were graduate students the others were freshmen high school students. Data indicate that qualitative similarity of reactions is the rule for all subjects and that quantitative differentiation is found in the central tendency and variability of different age groups. With increasing age there is less variability and more agreement.

1726 Johnston, Isabel A study of the art department in various teachers colleges Master's thesis, 1930 University of North Dakota University

1727 Leeman Pauline Wynn A study evaluating children's drawings in kindergarten and early grades Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 56 p ms

Fifteen hundred drawings were studied standards by authorities in art education and early elementary education were compared current literature was read. The result of this study indicates that there seems to be a gap existing between grown-ups who set art standards of attainment and those who learn from children in their art expression. The latter group seem to be in the ascendancy putting emphasis upon ability to express graphically rather than building skills apart from the desire to express freely. However these techniques do seem to be felt necessary by the child when he feels a lack of skill or inadequacy to put his ideas into better form.

1728 Lawrenz Alfred S Predicting ability in art Journal of educational psychology 20 702-704 December 1929

In September 1928 42 students were given the Los Angeles tests in fundamental abilities of visual art and the results recorded. Data indicate that there is a high degree of relationship between predicted ability and later performance.

1729 Lowry, Everett Ellsworth A comparison of methods and devices used in teaching curvilinear perspective Master's thesis, 1930 University of Chicago Chicago Ill

1730 MacLean, William Plannette A comparison of the effectiveness of colored and uncolored pictures Master's thesis 1930 University of Chicago Chicago Ill

1731 Martin, Minnie S A record of art instruction sixth grade, Peabody demonstration school Master's thesis 1930 George Peabody college for teachers Nashville Tenn 87 p ms

This is a record of art experiences from September 25 1929 to June 1 1930 which grew out of definite needs for art instruction as expressed in the interests and activities of the sixth grade in the Peabody demonstration school. The significant values resulting from this experiment were in increasing the children's knowledge and appreciation of art rather than in developing skills.

1732 Meier, Norman Charles *and Seashore Carl Emil* The Meier Seashore art judgment test Examiner's manual Iowa City University of Iowa 1930 24 p

The test is designed to afford a reliable general indication for use in school drag net surveys in order to discover latent talent to the end that those best fitted to elect art careers may know their possibilities early in life.

1733. Pickens Verne Lyle The standardization of a test in drafting Masters thesis 1930 University of Colorado Boulder University of Colorado studies 18 96-7 December 1930 (Abstract)

Objective material was collected from courses of study and from teachers of drafting. A test was composed of this material and given in the high schools of Kansas City Mo. The test was given to an experimental group and the items roughly scaled. It was then given to 522 pupils in first semester drafting.

1734. Rich Grace Ellingwood. Teacher research preparation to supplement textbooks incomplete in the field of modern art appreciation Masters thesis, 1930 New York university New York N Y

1735. Saunders Aulus Analysis of art ability Master's thesis 1930 Washington university St Louis, Mo

1736. Schnabert, Anna. Drawings of Orotchen children and young people Journal of genetic psychology 37 232-43 June 1930

A study was made of drawings made by Orotchen children and adolescents from 10 to 20 years of age collected during the summer of 1927 by a teacher of the first boarding school conducted in the Ruchlov district of the Far East. The drawings of Orotchen children are typical samples of naturalistic graphical productions similar to those seen among other primitive peoples. The drawings were made without any previous practice on the part of the children who had gone through no primitive stages of design.

1737. Shaffer, Laurance F. Children's interpretations of cartoons. A study of the nature and development of the ability to interpret symbolic drawings Doctor's thesis 1930 Teachers college Columbia university, New York N Y New York city Teachers college Columbia university 1930 73 p (Contributions to education no 420)

"Ten cartoons dealing with social, political, and economic problems were presented to approximately 150 children in each school grade from grade 4 through grade 12. The question asked was 'what does this cartoon mean' and the children wrote the answers. In all 1344 children in one group interpreted the first five cartoons and 1407 children in a second group interpreted the second five. These children were widely distributed throughout the United States. Intelligence-test data for 1727 pupils showed no wide discrepancies from the norms."

1738. Sioux City, Iowa. Public schools Committee of supervisors and principals. Tentative art-expression curriculum—elementary junior schools. 1930 162 p

1739. Sisson Ralph C. Work sheets and textual helps paralleling course in architectural drawing I. 1930 Public schools Oakland Calif 44 p ms

1740. Sparger Alma S, chairman. Art education in the North Carolina public schools 1930 North Carolina education association Raleigh

A brief study of art education stating the course of study used, whether special art teachers are employed, how materials are provided, time allotment, and illustrative material owned by school.

1741. Strauss Dorothy Minetto. The relation of the art department to other divisions in the Madison vocational school and the application of art principles to vocational education Masters thesis 1930 University of Wisconsin Madison

1742. Van Nice Ann. Children's preferences for colors color combinations and color arrangements Masters thesis 1930 University of Chicago Chicago Ill

A study of children's preferences for colors color combinations and color arrangements from grades 3 to 8 measured by means of a series of tests.

1743. Wagner J Ernest. Job sheets in first year mechanical drawing in instruction—their construction and value as compared with the textbook method of instruction Masters thesis 1930 University of Pittsburgh Pittsburgh Pa 81 p ms University of Pittsburgh bulletin 27 404-05 November 1930 (Abstract)

1744 Wallis Nell. A study of tests designed to measure art capacities  
1930 Florida state college for women Tallahassee 76 p ms

The study sought to determine the relationship in the scores from various tests the  
McAdory Meier Setchore Lowerenz a test of proportion and one composed of art  
objects

1745 Washington (State) Department of education Art in the junior  
and senior high school 1930 Olympia 34 p

1746 Williams Marion L. The growth of intelligence as measured by the  
Goodenough drawing test Journal of applied psychology 14 239-56 June  
1930

Thurstones method of absolute scaling was applied to the Goodenough drawing test  
Data indicate that mental growth increases by decreasing amounts with advancing age  
and that the development of children at different relative intelligence levels progresses  
along parallel lines A bibliography is included in the article

1747 Wood Clemmer R. A scale for the grading of free hand lettering  
Master's thesis 1929 Iowa state college Ames

Eight hundred and fifty samples of free hand lettering were collected from seventh  
eighth ninth tenth eleventh and twelfth grades and college Findings Results by  
use of scale are much more consistent than by use of percentage grading

1748 Yepsen Lloyd N. The reliability of the Goodenough drawing test with  
feeble-minded children Journal of educational psychology 20 448-61 Sep-  
tember 1929

In an attempt to determine the reliability of the Goodenough drawing test for im-  
mediate readministration a second or third time 37 feeble minded boys between the ages  
of 9.0 and 18.2 were tested over a period of two weeks Data indicate that the Good-  
enough tests can be successfully applied with feeble minded subjects after the original  
administration with a high degree of reliability The test appears to measure some  
thing not entirely covered by the Binet test

See also 316 2703 2268 2283 2366 3578 3034 4370

#### DRAMATICS AND ELOCUTION

1749 Allen David Clarence. A high school course in public speaking based  
upon newspaper analysis of situations in which people actually speak Master's  
thesis 1930 Indiana university Bloomington 154 p ms

1750 Anderson Harry H. An evaluation of high school debating in Okla-  
homa in the light of modern objectives. Master's thesis 1930 University of  
Southern California Los Angeles

1751 Coddling C L. Public speaking and the high school curriculum Uni-  
versity of North Dakota University

1752 Coefello Charles Stephen. A psychological approach to public speak-  
ing Master's thesis 1930 Loyola university Chicago Ill 198 p ms

1753 Easley Frances Josephine. Opportunities for teaching English offered  
by dramatization Master's thesis 1930 George Peabody college for teachers  
Nashville Tenn 227 p ms

An examination of the literature on the history of general and child drama and an  
observation of dramatizations for six months in a second grade to determine opportu-  
nities for teaching English Findings Dramatization offers opportunities for practice in  
practically five sixths of the English standards for second grade set up in the Fourth  
yearbook of the Department of superintendence National education association

1754 Evans Dina Rees. A high spot survey of best practices in dramatic  
activities in high schools. Master's thesis 1929 University of Iowa Iowa City

1755 Gelvin Elizabeth D. County contests and reflective thinking Mas-  
ter's thesis 1929 Ohio state university Columbus

A study of county contests in Ohio with special reference to Cuyahoga county Find-  
ings County contests that is contests in debate and oratory are severely criticized

by administrators, directors and participants. Data from questionnaires indicate that the preparation of contestants and administration of contests did not comply with the requirements of reflective thinking.

1756 Kramer, J. Howard. The construction of X units of instruction for speaking situations. Master's thesis, 1930. University of Iowa, Iowa City. 74 p. ms.

1757 Lane, Ellen Mary. The dramatization of New Testament stories with children five to thirteen years old. Master's thesis, 1930. Teachers college, Columbia university, New York, N. Y. 20 p. ms.

The record of a year's work with a group of 20 children in a Congregational Church with a brief evaluation of the work done. Findings: In spite of certain difficulties and problems, these children gained in their understanding of the life and teachings of Jesus as well as in their ability to think for themselves and work together.

1758 Macgowan, Kenneth. Footlights across America. A study of the little theatre and drama movement in America. New York city, Harcourt, Brace and company, 1929.

A survey of the little theatres and university and college theatres in their relation to the adult education movement.

1759 Mahoney, Theodora T. Dramatic art in the junior high schools in California. Master's thesis, 1930. University of California, Berkeley. 98 p. ms.

A study of the acting and producing of plays in junior high schools in California to ascertain the status of this subject in the curricular and extra-curricular activities of these schools. Findings: Eighty-one per cent of the schools showed that dramatics was making a real contribution to the assembly programs in the junior high schools; large junior high schools have trained dramatic teachers who spend all or most of their time in speech arts. Small high schools show larger number of dramatic teachers but they are usually regular classroom teachers doing dramatic work in addition to full teaching program, more than half of the junior high schools in California have a senior play, the large schools lead in this undertaking; 63 per cent of the schools surveyed have dramatic clubs; 50 per cent have an elective dramatic class. The large city systems have almost without exception, dramatics as an elective course in the curriculum of their junior high schools.

1760 Monroe, Alan H. The effect of bodily action on voice intensity. Journal of applied psychology, 13: 516-32, October 1929.

Two groups of experiments were carried out with students of public speaking at North western university. The results of the experiments indicate that some relationship does exist between bodily action and voice intensity.

1761 Murray, James. The status of corrective speech instruction in the public schools of the United States. Master's thesis, 1930. University of Southern California, Los Angeles.

1762 Neylon, George M. The needs and values of children's dramatics—their recognition and attainment. Master's thesis, 1929. University of Notre Dame, Notre Dame, Ind.

1763 Porterfield, Martha. A study showing how dramatic activities meet prevailing language objectives. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 60 p. ms.

Observation covering a period of 18 weeks was made with fifth grade children while they were experiencing a unit of work on pioneer life. Findings: The dramatic situation provides for language practice and growth. Creative expression comes about naturally.

\* 1764 Smith, Milton Myers. The equipment of the school theater. Doctor's thesis, 1929. Teachers college, Columbia university, New York, N. Y. New York city. Teachers college Columbia university, 1929. 78 p. (Contributions to education, no. 421).

Findings indicate that school plays are practically universal, most of the work in play production is extracurricular, a good portion of schools have a teacher who has had some training in play production, most schools have an auditorium designed among other things to be used for plays. Principles of auditorium construction in regard to acoustics, sight lines, hygienic and aesthetic considerations and details of the school stage and its equipment are given.



- 1765 Welsch J Dale An evaluation of the activities of high school debating leagues Masters thesis 1929 University of Iowa Iowa City
- 1766 White Helen C Speech curriculum in the high schools (senior and four year) of the United States with an enrollment of 1500 pupils or more Masters thesis 1930 Northwestern university Evanston Ill
- 1767 Willens Minnie Clara The human larynx in its relation to speech education Masters thesis 1929 University of Denver Denver Colo
- 1768 Wilson Bertha The status of dramatics in the senior high schools of Kansas 1929-1930 Masters thesis 1930 University of Kansas Lawrence
- See also* 1901 (1) 238.

## JOURNALISM

- 1769 Bennett Earl Eugene A survey of the appeal of the high school newspaper to the high school student Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 225-231 November 1930 (Abstract)
- 1770 Boehringer C Louise The education and experience essential to the editorship of a state educational journal Masters thesis 1930 University of California Berkeley 45 p ms
- Data indicate a preponderance of opinion that the editor must know the professional field of education both as a student of some of its phases and through experience in a public school system and that he must have an accepted philosophy of education and familiarity with fundamentals of education.
- 1771 Butler Lulu Allen An analysis and evaluation of the high school newspaper Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 23 235-30 November 1930 (Abstract)
- 1772 Calvert Blanche A The school newspaper as a socializing factor in the senior high school Master's thesis 1930 Teachers college Columbia university New York N Y 88 p ms.
- 1773 Conley Charles Clarence Current practices in high school newspapers Masters thesis 1930 Stanford university Stanford University, Calif
- 1774 Corry, Frances The school newspaper and its use in the teaching of English Masters thesis 1929 Teachers college Columbia university New York N Y 46 p ms
- 1775 Dewlaney, Barbara. Problems confronting teachers of newswriting California quarterly of secondary education 5 165-69 January 1930
- From data secured from answers to 76 questionnaires it is evident that lack of training is the outstanding problem of newswriting teachers in California
- 1776 Gaukrodger Edith. A guide to the mechanics of writing 1930 Upper Darby high school Upper Darby Pa
- A study of current practices in mechanics and the preparation of a pamphlet for use in the Upper Darby high school
- 1777 Greenawalt Lambert High school publications Masters thesis 1930 George Washington university Washington D C 150 p ms
- Survey of practices with specific devices for improvement
- 1778 Middleton, Sister Mary Lucille A study of the content and administration of Catholic high school magazines Masters thesis, 1930 Loyola university, Chicago Ill 44 p ms
- 1779 Nelson D Lloyd High school publications Master's thesis 1930 Stanford university Stanford University Calif

1780 Nelson, M J A study of certain phases of the conduct of student news publications School and society, 30 609-10, November 2, 1929

Replies to a questionnaire were received from 58 colleges and universities with enrollments varying from 1,200 to 3,000 relative to the freedom allowed students in the conduct of their news publications Various methods of selection are used in these institutions for all the staff members

1781 Ott, Minter Morrell A high school yearbook finance survey Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27 350-51, November 1930 (Abstract)

1782 Seyle, Elizabeth Grady Student publications in the high schools of South Carolina Master's thesis, 1930 University of South Carolina, Columbia

1783 Stallings, Mildred E A course of study in journalism to be used at the Central high school, District of Columbia Master's thesis, 1930 George Washington university, Washington, D C 68 p ms

A study of textbooks and periodicals relating to high school journalism Questionnaires were sent to teachers of journalism in order to determine objectives methods etc., of a course of study in journalism A plan was developed for a one-year course for juniors and seniors in senior high school

1784 Wills, George C and McCallister, Wayde H Student publications New York city, A. S. Barnes and company, 1930 180 p

Status of student publications in high schools, guide for publications etc were studied Findings Newspapers handbooks and other publications are increasing in numbers In some states more annuals are being published while in others the number is declining The type of annual published is undergoing radical changes

#### THRIFT

1785 Bennett, Arthur Walfred A survey of school banking in the city of Glendale Calif, for the years 1927 and 1928 with special reference to the intermediate schools Master's thesis 1930 University of Southern California, Los Angeles

1786 Davis, Harry E A study of school savings as conducted in the Norwood, Ohio, public schools Master's thesis, 1930 University of Cincinnati, Cincinnati, Ohio 125 p ms

The investigation attempts to give first a brief history of school savings from its earliest beginnings, a brief description of several of the most important types of school savings, and a detailed account of the system of school savings, used in the Norwood public schools, and second an evaluation of school savings based upon the practices in school savings as conducted in Norwood schools for the past eight years

See also 4117, 4167

#### SAFETY

1787 Detroit, Mich Public schools Department of statistics and publications Traffic protective measures 203 p ms

1788 Farley, Mabel Rebecca Education in accident prevention as a factor, in developing social controls Master's thesis 1929 New York university, New York, N Y. 68 p

1789 Indiana. Department of public instruction Division of elementary and high school inspection Activities relating language arts to safety education in the elementary schools of Indiana. Indianapolis 1929 47 p (Bulletin, no 107A-2)

1790 Kevin, James J A source book in safety education. Master's thesis 1930 George Peabody college for teachers Nashville, Tenn 79 p. ms.

1791 Lewerenz, Alfred S. A summary of 75 motor vehicle fatalities among Los Angeles school children between the ages of six and 15. Los Angeles educational research bulletin 9. 11-14 December 1929.

Data represented all the reported deaths for the years 1926, 1927 and 1928. Information included name, date killed, time of day, sex, age, location of accident and cause. Results indicated that greatest number of deaths took place during April and August and the fewest in January; most accidents occurred Wednesday, fewest Saturday, 60 per cent of the accidents took place between 3 and 7 p. m.; many more boys were killed than girls; the ages 6 and 15 were most dangerous for boys, with 8 and 11 the most dangerous for girls; greatest number of accidents were caused by running out into the path of an automobile; specific type of accident takes place at a certain age on the average; children were well above the average intelligence in the five available test records.

1792 Miller, Fred L. Fire prevention and fire insurance practices in third class city school districts of Kansas. Masters thesis, 1930. University of Kansas, Lawrence.

1793 Schad, Emma A. Principles of curriculum instruction applied to safety education. Masters thesis, 1930. Johns Hopkins University, Baltimore 3d.

1794 A study of accidents on school grounds and in school buildings. American school board journal 79. 87. September 1929.

Data were obtained from answers to a questionnaire received from 326 school superintendents in cities of 10,000 population and upward covering the period from March 1928 to June 1929. There was a total of 2,811 accidents on school grounds and 1,453 accidents in school buildings reported for the year.

## PRESCHOOL, KINDERGARTEN, AND PRIMARY EDUCATION

1795 Bacon, Clarissa and others. Detroit kindergarten test, 1930. City schools, Santa Monica, Calif.

The Detroit kindergarten test was given to 141 pupils distributed among four elementary schools. This project represents an interesting experiment carried on by several kindergarten teachers under the supervision of the elementary counselors. The maximum score in this test is 30 points. The average for Detroit kindergarten pupils is about 17. The groups tested in Santa Monica showed a median score of 17.6.

1796 Baltimore, Md. Department of education. Time allotment and schedule for kindergarten primary grades, 1929. In its 100th Annual report of the Baltimore board of school commissioners, 1928-1929.

1797 Barrett, Helen Elizabeth and Koch, Helen Lois. The effect of nursery school training upon the mental test performance of a group of orphanage children. Pedagogical seminar and Journal of genetic psychology, 37. 102-22. March 1930.

A study of 27 children in attendance at the nursery school of the Chicago orphan asylum and 27 children not in attendance revealed the fact that the orphanage children placed from six to nine months in the nursery school showed consistently greater gains in mental test performance than did a paired group of orphans deprived of the experience.

1798 Boynton, M. Adela and Goodenough, Florence L. The posture of nursery school children during sleep. American journal of psychology, 42. 270-78. April 1930.

A study of 56 children during a total of 278 nap periods in a nursery school.

1799 Bradbury, Dorothy. An application of the Descoeudres performance tests to American children of preschool age. Masters thesis, 1929. University of Iowa, Iowa City. 261 p. ms.

1800 Bridges, K. M. Binham. The occupational interests and attention of four year-old children. Pedagogical seminar and Journal of genetic psychology, 36. 551-70. December 1929.

Results of a study conducted at McGill University nursery school during the 1927-1928 season. Observations were made on the nature and duration of the occupational inter-

ests of a group of children with a view to finding which of the occupations provided appealed most to the children and whether there was any sex difference noticeable in preferences for certain occupations

1801 California State department of education Teachers guide to child development Manual for kindergarten and primary teachers Sacramento California State printing office 1930 658 p

1802 Campbell Rena A study of the clothing weights and physical activity together with the possible correlation of these in the Merrill Palmer nursery school Master's thesis 1930 University of Maine Orono

1803 Carter Cornelia A and King Mary Report of research and study committee of the Primary teachers association 1930 North Carolina education association Raleigh

Questionnaires were sent to 100 city standard and 100 county standard schools 100 city nonstandard and 100 county nonstandard schools to find causes of retardation One hundred and eighty questionnaires were returned The study showed that there is little difference in city and rural schools of standard and nonstandard grade as to equipment etc. that would affect retardation The consensus of opinion was that the type of home community and mental development of children are the predominating factors Kindergarten and junior primary classes were suggested as possible remedies

1804 Connell Mattie Lou. Some effects of a flexible program on learnings Master's thesis 1930 George Peabody college for teachers Nashville Tenn 270 p ms.

Description of three years informal work in the primary grades and follow up in fourth grades to determine achievement in formal work. Findings Informal procedure through the three primary grades met the requirements of the Louisiana state course of study lessened retardation prepared for fourth grade and developed desirable habits and attitudes

1805 Daniels Farmely C A study of compositional balance discrimination in the preschool child Master's thesis 1929 University of Iowa Iowa City 161 p ms

1806 Davis Mary Dabney Organization of supervisory units for kindergarten elementary grades in public-school systems of cities having a population of 2500 or more 1929-1930 Washington D C U S Office of education 1930 5 p ms (Circular no 15)

Replies to an inquiry regarding general supervisors provided for kindergartens primary and elementary grades were received from 1540 superintendents and summarized in this circular The summary gives the following information The different officers responsible for general supervision the per cent of cities of different population size reporting general supervisors in their school systems the variety of grade units or combinations of grades assigned to general supervisors and the grade units or combinations of units used most frequently in cities of different population size

1807 ——— Some phases of nursery kindergarten primary education 1926-1928 Washington United States Government printing office 1929 25 p (U S Office of education Bulletin 1929 no 29)

Advance sheets from the Biennial survey of education in the United States 1926-1928

1808 Ezekiel Lucille F Changes in egocentricity of nursery school children. Master's thesis 1930 George Washington university Washington D C 34 p ms.

A study based on observations of 18 children made during free play during their first three months at school Conclusions The children dominantly egocentric on entrance make few significant changes during the first three months The intermediate and unaggressive types tend to become more egocentric

1809 Freivogel Esther Emma A comparison of the "Mother school" of Comenius with the "Kindergarten" of Froebel Master's thesis 1930 Boston university Boston Mass

\*1810 Goll Reinhold Walmar The value of chronological age mental age, number of permanent teeth and kindergarten training for predicting promotion in the first grade Doctors thesis 1930 University of Pennsylvania Philadelphia 69 p

1811 Granger Jean A Some factors determining the nature and frequency of anger and fear outbreaks in the play of preschool children Master's thesis, 1929 University of Texas Austin 69 p ms

Thirteen preschool (nursery) children in indoor and outdoor play were studied in groups of three for outbreaks of fear and anger during 52 hours of observation Observations were analyzed in relation to frequency and cause of outbreaks overt behavior during outbreak and subsequent attitudes

1812 Hansen Rowena Early childhood education recent contributions to the literature issued by schools and professional organizations Washington D C Office of education 1930 6 p ms (Circular no 8)

This list includes pamphlets recently received by the Office of education which bear upon the education of young children and supplements the list given in City school circular no 6 issued in May 1928

1813 Hargis Clara N Preliminary study of certain factors of environment and traits of structure and function common to children who are not making normal progress in first and second grades Master's thesis 1930 University of California Berkeley 72 p ms

Findings According to the teachers of these pupils their failures were due to inferior mental ability An examination of mental test records showed that all had ratings of average intelligence The most marked difference between the failure and normal progress groups are in the traits of behavior and habitual attitudes as shown in their conduct at home in school and in their relations to other children The personal traits of nervousness flightiness excessive restlessness chronic inattention listlessness laziness instability disobedience are found singly or in combination in every case in the failure group

1814 Herring Amanda Study of interest span in preschool children and some related variables Master's thesis 1929 University of Texas Austin 54 p ms

Forty two year-olds and 40 four year-olds (boys and girls in equal number) were observed in morning and afternoon periods in individual play with toys furnished by the experimenter Age and sex differences are reported as are differences with type of toy and time of day No striking relationship between interest span and intellectual maturity was found

1815 Hertzberg, Oscar E The relationship of motor ability to the intelligence of kindergarten children Journal of educational psychology 20 507-19 October, 1929

Sixty six kindergarten children in the training school of Colorado state teachers college at Greeley ranging in ages from four years three months to six years one month were studied during the fall of 1926 Complete records were obtainable for only 48 children Conclusions Motor dexterity alone has little practical value for the prediction of the mental age of kindergarten children By the time of the kindergarten period qualities of abstract intelligence such as concentration discrimination etc are more important than motor development in indicating the mental maturity of the child

1816 Hulson Eva Leah An analysis of the free play of ten four year old children through consecutive observations Block constructions of four year old children Journal of juvenile research 14 188-208 209-22 July 1930

Two sections of a master's thesis 1928 of the University of Iowa entitled An analysis of the free play of four year-old children through consecutive studies of individuals

1817 Lewin Lullis The mental ability of pupils entering the first grade as measured by the Pintner Cunningham group mental test 1930 Public schools San Francisco Calif 5 p ms (Bulletin no 16, April 1930)

This study is based on Pintner Cunningham tests given to 1577 pupils eligible to first grade entrance The test results are given for pupils without kindergarten training.

and those with one term two terms and three terms respectively Findings Pupils who have been in kindergarten one term or longer exceed those who have not attended kindergarten by approximately three months in mental age Pupils who have attended kindergarten two and three terms do not surpass those who have attended only one term The habits and skills developed in kindergarten are probably responsible for the three months superiority shown in the Pintner Cunningham test results.

1818 Loomis, Alice A study of a technique for observing the social behavior of nursery school children. Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y New York city, Teachers college, Columbia university, 1931 100 p (Child development monographs, no 5)

The subjects of this study were 67 children in three different nursery groups, the records covering 85 hours showed name of child making and receiving each contact, kind of contact and response. Summary for each child showed for each hour and for his total observation the proportion of contacts made and received by him, total contacts, and number of different kinds of contacts and responses Phases of social interaction were selected for observation

1819 McCloskey, Lois Muree. Reactions of 10 nursery school children in play with blocks and kiddy kars Master's thesis, 1930 Pennsylvania state college, State College 80 p ms

A series of 150 observations of play to ascertain span of attention type of play, uses made of toys relation of span of attention to attendance age number of uses made of toys Findings Average span of attention for all was 6.25 minutes. Span of attention increases more with age than with attendance Individual play was more prevalent than group play

1820 MacLatchy, Josephine H. Attendance at kindergarten and progress in the primary grades Doctor's thesis, 1930 University of Chicago, Chicago, Ill.

1821 Mascord, Elizabeth and others Course of study in kindergarten 1930 San Jose school department, San Jose, Calif 43 p ms

1822 Miller, Eleanor Olmstead A study of the preschool child's picture and story books by the battery of tests method Journal of applied psychology, 13, 592-609, December 1929

A score card was made for rating books for preschool children

1823 Newman Lela Carr Language power as found in records of preschool children Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 183 p ms

The records of two infants 21 nursery school children and 20 kindergarten children were studied to find the different ways in which expression was given to thought and action. Findings The two infants were found to give expression to their likes and dislikes through crying smiling and movements of the body The nursery school children were found to express themselves for the joy and satisfaction of talking The kindergarten children through activity gave expression to what they were doing An increased vocabulary and growth in power of expression were also found

1824 Noyes, Anna G A proposal for recording growth and development in the preschool child, and the techniques employed during the process to control these changes Master's thesis, 1930 Teachers college Columbia university, New York, N Y 19 p ms

1825 Raybold, Emma First grade study, part I. 1930 Public schools, Los Angeles Calif. 20 p

1826 Reed, Mary M and Raymond, E. Mae A survey of some phases of educational work with preschool children in eleven settlements in New York city New York City, Welfare council of New York City, 1930 47 p

An evaluation of teacher preparation room standards equipment and supplies and the curriculum in action was made using the Reed Raymond nursery school score card The results of the study show a range of practices from types which can and should be changed because they offer a menace to child welfare to those types which demonstrate in many instances the ability of institutions under serious economic handicap to meet in a highly gratifying degree the standard of right conditions for child growth

1827 Rhodes Myrtle Hamilton A study of student experiences in the pre school laboratory as expressed in written interpretations Masters thesis 1930 University of Southern California Los Angeles

1828 Richardson Anna E. Minimum essentials for nursery school education as accepted by the National committee on nursery schools October 1929 Prepared by a sub-committee of the National committee on nursery schools 1929 12 p

In this report the committee has outlined the objectives and the standards for maintenance of nursery schools that represent the best current practice The report is offered as a survey of minimum standards with which procedure in individual schools might well be measured.

1829 Roberts Arilita A study of ten behavior problems of preschool children 1930 Broad Oaks school Pasadena Calif 214 p ms

A brief conspectus of material by leading authorities on 10 of the more frequent behavior problems Fifty books and 20 magazines written during the past 10 years were examined

1830 Rohrs Josephine Maturation versus learning in preschool children. Masters thesis 1930 Yale university New Haven Conn 33 p ms

1831 Shinn Alida V A study of sleep habits of two groups of preschool children one in Hawaii and one on the mainland Masters thesis 1930 University of Hawaii Honolulu 83 p ms

1832 Stinson Bess Louise Science learnings in units of work as recorded in a first grade Masters thesis 1929 George Peabody college for teachers Nashville Tenn 135 p ms.

1833 Sweeny Mary E and others A method of studying the activity of preschool children Journal of home economics 21 671 78 September 1929

1834 Washburne Carleton Public schools and the preschool child American childhood 15 5-7 December 1929

See also 251 254 257 258 403 424 453 455 456 470 565 596 604 731 732, 744 750 768-769 774 778 801 803 806-807 810 914 1231 1290 1294 1532 1727 1851 2042, 2050 2019 3246 3261 3392 3395 3425 3936 436 4518 4605

## ELEMENTARY EDUCATION

1835 Barnes Alexander J A survey of the elementary schools of the Brea Olinde union high school district Masters thesis 1930 University of Southern California Los Angeles

1836 Belser Danylu Conditions and practices influencing the elementary education of white children in the public schools of Alabama Doctors thesis 1930 Teachers college Columbia university New York N Y Birmingham Ala Birmingham printing company [1930] 310 p

The following conclusions were drawn from the study Legal aspect of school support should be reconsidered state and county superintendents should be appointed by competent boards and not elected by popular ballot qualifications for county and city superintendents and for elementary school principals should be raised elementary school principal should be made chief supervisory officer of his school state should inaugurate complete system of permanent school records future school building programs should be based upon surveys of factors influencing such programs long term program of curriculum revision and construction is needed classification and promotion of pupils should be made on basis of physical mental and social educational development state should establish minimum standards for approved elementary schools

1837 Caswell Hollis L Program making in small elementary schools Nashville, Tenn George Peabody college for teachers 1930 77 p (Field studies no 1)

\*This study briefly summarizes the principles underlying program making in elementary schools and brings together and evaluates the several devices employed to reduce

the number of classes in small elementary schools. Its distinctive contribution, however, is the development of a reliable method of distributing equitably among the several school subjects and grades the total instruction time available, whatever that may be, in any school not having a full time teacher for each grade or grade instruction group."

1838 Charlton, Lucile. Elementary education as shown in progressive education magazines, 1924-1929 Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 118 p. ms

History of progressive movement, practices in private progressive schools, public school experimenting, problems, attempt at solution of problems and scope of movement are studied. Findings: 1875-1919 produced isolated experiments; Progressive education association was organized in 1919, Progressive education magazine was first published in 1924; progressive private schools are using freer, more creative type of work without ultimate loss in essential fundamentals. A number of public schools are adapting the procedure effectively and cost need not be prohibitive. Educational leaders are demanding a science of education, some organization of worthwhile content; and a type of teacher training which will fit teachers to be guides of children who are actually solving problems. The association and some colleges are trying to meet these new issues. The movement is world wide.

1839 Denver, Colo. Public schools Department of research Growth in membership since 1922-1923, elementary schools. [1930] 14 p. ms

Analyzes membership figures by elementary school districts since 1922-1923 and also groups these districts into larger areas. Of 17 major grouped districts in the city, 13 have grown since 1922-1923, and four have lost. Two districts more than doubled in this time. Maps and charts are used to effectively show these conditions.

1840 Eagy, Clarence H. Holding power of the Oregon elementary schools Master's thesis, 1920 University of Oregon, Eugene 38 p. ms

Relative holding power of nine types and sizes of organization of certain types in different counties and total holding power of counties evaluated and ranked. Findings: The one room, two-room and four-room schools show stronger holding power than other types in this study; systems having junior high schools show distinctly stronger holding power, etc.

1841 Fulghum Susan Standards for elementary schools of North Carolina 1930 State department of public instruction, Raleigh, N. C.

1842 Greene, Charles E. Amount of time spent in elementary schools in Denver and Kansas City 1930 Public schools, Denver, Colo. 5 p. ms

Findings: Kansas City pupils finish elementary school earlier than do Denver pupils with achievement about equal.

1843 Indiana university, Bloomington Conference on elementary supervision. [Report of] seventh annual conference 1930 102 p. (Indiana university, School of education, Bulletin, vol. 6, no. 6, July 1930)

Contents: 1 An experiment with a free reading hour, by Mrs. Caroline M. Wildrick, p. 5-20; 2 Measurement and the curriculum, by Wendell W. Wright p. 23-46; 3 Knowledge of arithmetic possessed by young children by Clifford Woody, p. 50-71; 4 Inventory test in arithmetic to be given to pupils at the time when formal instruction in arithmetic is begun, a proposed investigation, p. 71-83.

1844 Minnesota. State department of education Standards for ungraded elementary schools St. Paul, 1929 31 p.

1845 Morrison, J. Cayce Cardinal objectives of elementary schools Albany, N. Y., State department of education 1929 188 p.

An analysis of the recorded statements from hundreds of teachers of the specific objectives they are attempting to attain in their respective classrooms.

1846 Mort, Paul R. and Hilleboe, Guy L. A rating scale for elementary school organization. New York city, Teachers college, Columbia university, 1930 47 p.

In this rating scale an attempt has been made to obtain some measure of every aspect of the demands made upon elementary school organization. The standards in the scale were evolved from a vast amount of discussion of the demands made by the literature.



bearing on elementary schools. A group of 50 advanced students in school administration examined the whole range of the literature. The standards and measures resulting from their work were used in the Perth Amboy N. J. survey.

1547 New York council of superintendents. Committee on elementary education. Cardinal objectives in elementary education with a series of reports by classroom teachers illustrating ways and means of attaining these objectives. Albany: University of the State of New York, 1920. 188 p.

1548 North Carolina. State department of public instruction. *Proceedings of the fifth annual North Carolina conference on elementary education*. Called jointly by the State superintendent of public instruction and the director of the University summer school. Ed. by M. C. S. Noble, Jr. Chapel Hill, N. C., July 11-12, 1920. Raleigh: N. C. G. p. (Educational publication no. 146, Division of Information and Statistics no. 3)

1549 Preston, Edna B. An experiment in education. Master's thesis, 1929. Teachers college, Columbia university, New York, N. Y. 13 p. ms.

1550 Sirkin, M. The relation between intelligence, age and home environment of elementary school pupils. *School and society* 30: 304-08. August 31, 1929.

The relationship between social status and intelligence as measured by tests, was studied in children attending the same elementary school grades. In order to determine the relationship between social status and the intelligence score the correlation ratios have been computed for each of the three grades separately. All social levels showed a rise of the average score which has to be attributed almost completely to natural development and not acquaintance with the tests during the first examination. The correlation between score and social status as well as that between score and age does not diminish over a period of 14 months.

1551 Thomas, Mattie Elizabeth. South Carolina elementary school manual for primary and intermediate grades. Master's thesis, 1930. University of South Carolina, Columbia.

1552 Titus, Robert Chadwick. The utilization of boys' activities in the elementary schools of the city of Atlanta. Master's thesis, 1930. Stanford university, Stanford University, Calif.

1553 Wang, Thom Tong. Some significant achievements of recent American elementary school education. Master's thesis, 1930. Stanford university, Stanford University, Calif.

Age also 10 182-183 193 207 211 214 220 224 229 231 235 239 243 247 251 255 259 263 267 271 275 279 283 287 291 295 299 303 307 311 315 319 323 327 331 335 339 343 347 351 355 359 363 367 371 375 379 383 387 391 395 399 403 407 411 415 419 423 427 431 435 439 443 447 451 455 459 463 467 471 475 479 483 487 491 495 499 503 507 511 515 519 523 527 531 535 539 543 547 551 555 559 563 567 571 575 579 583 587 591 595 599 603 607 611 615 619 623 627 631 635 639 643 647 651 655 659 663 667 671 675 679 683 687 691 695 699 703 707 711 715 719 723 727 731 735 739 743 747 751 755 759 763 767 771 775 779 783 787 791 795 799 803 807 811 815 819 823 827 831 835 839 843 847 851 855 859 863 867 871 875 879 883 887 891 895 899 903 907 911 915 919 923 927 931 935 939 943 947 951 955 959 963 967 971 975 979 983 987 991 995 999 1003 1007 1011 1015 1019 1023 1027 1031 1035 1039 1043 1047 1051 1055 1059 1063 1067 1071 1075 1079 1083 1087 1091 1095 1099 1103 1107 1111 1115 1119 1123 1127 1131 1135 1139 1143 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1857 Bolton Frederick E. The secondary school from the standpoint of adolescence 1930 University of Washington Seattle

1858 Boogher E W G. Secondary education in Georgia. Doctor's thesis 1930 University of Pennsylvania Philadelphia

1859 Bromley Harriet L. The selective tendency in public secondary education as exemplified in the University high school. Master's thesis 1929 University of California Berkeley 104 p ms

A study of the character of the student population drawn to the University high school using as factors the occupation of the father nationality residence elimination from school etc. There is much evidence that the student population is a highly selected group

1860 Brown Thomas R. Organization and supervision of the high school student body budget. Master's thesis 1930 University of Southern California Los Angeles ms

1861 Buck, Thomas Marion. The extent to which the program of studies in Ohio high schools of medium size—300 to 500 pupils—is limited by the preparation of the teaching staff. Master's thesis 1929 Ohio state university, Columbus 125 p ms

1862 Buhlman Harold L. The holding power of Oregon high schools. Master's thesis 1930 University of Oregon Eugene 53 p ms

From a study of entire state by counties and sections, of such data as per cent of total enrollment that was in high school for years 1922-23 and 1928-29 per cent, boys per cent girls per cent of the 8th grade in the 9th grade etc for entire period, it was found that holding power of high schools increased from 1922 '23 to 1928-29 inclusive.

1863 Bursch Charles. Analysis of the teaching process in high school. Doctor's thesis 1930 Stanford university, Stanford University Calif 150 p ms

Includes collection of data on the stimulus response in high school classes in history and English a time distribution of activities equipment and apparatus used etc

1864 Candee Beatrice. Four objective criteria in the selection of children for high school scholarships. School and society 31 408-410 March 22, 1930

One hundred and seventy seven cases of applicants for high school scholarships in New York City including all applicants tested between September 1 1928 and June 30 1929 upon whom a definite decision had been reached were studied. The probability of acceptance was considered in relation to the child's standing in IQ reading achievement arithmetic achievement and acceleration in school progress. The total probability of acceptance of children referred for scholarship last year was 97 out of 100

1865 Carrothers George E. Annual report of division of university inspection of high schools 1930 University of Michigan Ann Arbor 80 p

A study of enrollments in high schools of different types enrollments in courses number of new and old teachers salaries tax rates etc. Findings Boys are gaining on girls in enrollments Spanish is losing out German is coming into high schools accrediting is reaching even the very small schools etc

1866 Cary, Miles E. A vitalized curriculum for McKinley (Honolulu) high school. Master's thesis 1930 University of Hawaii Honolulu 300 p ms

Suggested curriculum based on the principles underlying the Activity program and suited to interests, needs and abilities of students

1867 Clem Orile M and Roberts Horace M. Comparative tenth year progress of elementary school pupils and junior high school pupils. Journal of educational research 21 288-96 April 1930

One thousand pupils in the Central high school of Syracuse N Y who came from elementary schools and junior high schools were studied. The elementary school pupils had little higher IQs and were a little more successful in academic work

1868 Cody, Helen Frances. Shifting emphases in our American secondary education. Master's thesis 1930 Boston university Boston Mass ms

1869 Collins M Earle A survey of the instructional needs in small Ohio high schools and an instructional program on the tutorial plan. Master's thesis 1930 Ohio State university, Columbus. 110 p ms (In part in Educational research bulletin 9 233-39 April 30 1930)

Findings Forty two counties were in need of tutorial plan thirty might use it in two or three subjects sixteen had no need for the plan according to present data

1870 Combs A B Distribution of enrollment by size of school in white public high schools 1928-1929 and 1929-1930 State department of public instruction Raleigh, N C (Published as Table P in Part IV of the Biennial report of the North Carolina state department of public instruction 1929-1930.)

Shows the tendency to eliminate the one and two teacher high schools

1871 Cook, William A A comparative study of standardizing agencies. North central association quarterly 4 377-433 December 1929

1872 Coulbourn, John Home study program for senior high schools. Battimore Md Public schools 1930 24 p.

1873 Coxe Warren W How pupils would make over the high schools. New York State education 17 764-69 May 1930

Data were secured from questionnaires. The study emphasizes the need for varied high school offerings and greater flexibility of administration.

1874 Curran, Clay C Administrative survey of the high school at Lead South Dakota Master's thesis 1930 University of Chicago Chicago, Ill.

This study investigated the social status of the community, the teaching staff, pupil achievement extracurricular activities course of study and pupil accounting

1875 Davis Calvin O Changes in standards for accrediting secondary schools made by the North central association of colleges and secondary schools during 27 years. North central association quarterly, 4 327-31, December 1929

Study made upon analyses of forms used by administrative officers and a percent of official reports

1876 ——— The six year high school plan—arguments pro and con. Nation's schools 4 29-30, December 1929

In order to determine whether it is better to separate the six upper grades into the junior and senior high schools or to consolidate them into one undivided unit, a questionnaire was sent to 150 schools reported as organized on a five-year or six year basis, and to 25 individual educators. One hundred replies were received. Data indicate that the six year high school is best suited to the needs of the small school in sparsely settled districts but that in the larger cities and towns the differentiated junior and senior high schools are to be recommended.

1877 Davis, Thomas Royal The prognostic value of certain tests for predicting the success of high school freshmen. Master's thesis 1930 University of Chicago Chicago, Ill.

The study used the Otis self-administering test of mental ability and the Stanford achievement test as predictors and the Pressey English test the Douglas algebra test and the Ruch Popenoe general science test as criteria of success. Correlations were computed.

1878 Dorsey, George Prentiss The small high school in Mississippi. Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn. 63 p ms

Forty small high schools were compared with a sampling of Southern association schools. Findings The larger schools are more economically administered more efficient and offer a wider range of selection

1879 Elliott, Raymond Morgan The relative influences of chronological age and mental age upon the achievement of high school boys and girls. Master's thesis, 1930 University of Southern California Los Angeles 240 p ms (Abstract in N E A Department of secondary school principals Bulletin 34 49-50, January 1931)

The purpose of this study was to discover the amount of chronological and mental acceleration and retardation existing in a representative California high school and to

determine the relative influences of age and mentality upon high school achievement. This is a study of 466 students of the Huntington Beach union high school, as to their chronological age, mental age, and school achievement.

1880. Eversull, F. L. and Osborn, L. O. Quarterly report of East St. Louis, Ill., high school. June 1920. Senior high school East St. Louis, Ill. 25 p. ms. Secondary school survey.

1881. Ezell, Boyce Fowler. The development of secondary education in Florida. Doctor's thesis, 1920. University of South Carolina, Columbia.

1882. Frankhauser, Henry A. Methods of accrediting high schools. Master's thesis, 1920. Ohio State university, Columbus. 204 p. ms.

The study aims to show the ways in which high schools are accredited by the different accrediting agencies in the various states. Conclusions: There is need for more personal work in inspecting high schools; the work would be more effective done if vested in the state universities either individually or cooperatively with state departments of education.

1883. Feinberg, Joseph M. Tinkles of high school seniors as surveyed in the Roselle high school, Roselle, N. J. Master's thesis, 1920. Rutgers university, New Brunswick, N. J.

1884. Fosness, Abanlom. The supervision of high school pupils during non-school hours. Master's thesis, 1920. University of Minnesota, Minneapolis.

1885. Franklin, Emma H. A study of the equipment of the high school as shown by the examination of one hundred first year normal school students. Master's thesis, 1920. New York university, New York, N. Y.

1886. Frutchey, Fred P. Some factors in determining high school success. Master's thesis, 1930. Colorado State teachers college, Greeley. 73 p.

1887. Gerberich, Joseph Raymond. A personal study of 10,000 Iowa high school seniors. Doctor's thesis, 1930. University of Iowa, Iowa City, Iowa. 112 p. (University of Iowa studies, new ser., no. 171, April 15, 1930. Studies in education, vol. 5, no. 3).

Bibliography, p. 104-112.

A study with the same title by J. R. Gerberich and G. D. Stoddard was published in *School and Society*, 30: 515-20, October 12, 1929.

An average of more than 1,700 high school seniors have been tested annually on the batteries of mental and educational tests in order: (1) to determine the selection occurring between high school graduation and college and further during college attendance; (2) to discover the superior or gifted pupils as a basis for guidance programs designed to give them the best possible opportunities for advancement; and (3) to determine the prognostic power of the test batteries for prediction of first semester scholastic success in college. The results of the study indicate that probability table of college scholastic success founded upon high school testing may approach closely the prognostic power of college entrance examinations.

1888. Getz, Ralph H. Items that should be included in an ideal high-school manual. Master's thesis, 1930. Ohio State university, Columbus. 250 p. ms.

A study to determine what educators think should be included in an ideal state high school manual of administration and organization. Findings: Manual should contain: (1) Alma of secondary education; (2) survey of state high schools; (3) definitions of terms used; (4) state requirements of various phases of administration and organization; (5) qualifications of staff; (6) college entrance requirements; (7) discussion of guidance, programs, etc. Study consists of 963 items grouped under 37 headings and list of items considered absolutely essential.

1889. Gilbert, Lee Eyster. The high school department head. Master's thesis, 1930. George Washington university, Washington, D. C. 98 p. ms.

Status, training, functions and activities of the department head treated statistically in respect to the four types of high school—junior, junior senior, three year, and four year. This is followed by a comparative study.

1890 Gilkey Royal The relation of success in certain subjects in high school to success in the same subjects in college School review 37 576-88 October 1929

The investigation is based on a study of the high school and college records of students who were graduated in 1921 1922 and 1923 from the New York State college for teachers The only students considered were those who had done their high school work under the supervision of the Regents system of New York and whose high school marks were obtained in Regents examinations The studies were classified in six groups and college courses were similarly grouped The highest correlation is for English next is that for ancient languages then mathematics social sciences and modern foreign languages The study indicates that there should be a better adjustment between college-preparatory courses and college courses

1891 Gould Silas E and Davis Robert A Some reasons why high school pupils choose certain subjects School review 37 602-14 October 1929

The reasons for the selection of certain subjects by 1500 high school pupils in the sophomore junior and senior years in three large high school systems in Colorado were studied The most important reasons given for choosing certain subjects are as an aid in making a living because of advice from parents friends or schoolmates belief that they can make a good grade in the subject because of advice of someone connected with the school system because of the reputation or standing of the subject Data indicate the pupils exercise judgment in giving reasons for their choices

1892 Green Nell V A study of the standing in high school of a group of pupils who entered with four credits from the 8A grade of Indianapolis schools Masters thesis 1930 Indiana university Bloomington 63 p ms

1893 Greene Charles E Telephone service in high schools 1930 Public schools Denyer Colo 65 p ms

A study of the phone service on the local school exchange and through a questionnaire the phone situation in other cities Indiana A certain standardization seems desirable both economically and for efficiency

1894 Hammack David William Subject distribution and comparative cost in fourth class city high schools Masters thesis 1930 University of Kentucky Lexington 62 p ms

1895 Hanlin John Paul Status of the private secondary schools of Alabama Masters thesis 1929 George Peabody college for teachers Nashville Tenn 78 p ms

1896 Harris Leo A A comparison of fraternity and nonfraternity students of a California high school Masters thesis 1930 Stanford university Stanford University Calif 125 p ms

Comparison of scholastic disciplinary moral athletic and extracurricular activities of fraternity and nonfraternity students of a California high school

1897 Harvey Carl Oliver A survey of the Brea Olinda union high school Masters thesis 1930 University of Southern California Los Angeles ms

1898 Hendrix S Gertrude Teaching devices on the high school level Masters thesis 1930 University of Illinois Urbana 200 p ms Urbana University of Illinois 1931 42 p (Bulletin vol 28 no 42)

A collection of special devices reported as being effective by high school teachers

1899 Hereford E. H Mobility of the Texas high school population 1930 Southwestern university Georgetown Texas

A questionnaire was sent to all the affiliated high schools of the state It involved more than 105 000 students Findings 90 per cent of the high grade have not been to more than two high schools Some have been to more than five high schools

1900 Heuermann Mary Louise The achievements of students receiving scholarships from the Nebraska association of church colleges during the years 1926 and 1927 Masters thesis 1929 University of Nebraska Lincoln 46 p ms

Records of 780 honor students were examined Only about one third have apparently gone on to college Many students given scholarships did not have high grades as

a basis for the "honor" In general honor students from high schools of large numbers did better in college than those from small high schools Most honor students succeeded in college

\*1901. Hill, Henry H State high school standardization Doctor's thesis, 1929 Teachers college, Columbia university, New York N Y 140 p ms Lexington, University of Kentucky, 1930 96 p (Bulletin of the Bureau of school service, University of Kentucky, vol II, no 3 March 1930)

A critical evaluation of present State high school standardization especially in North Carolina high school reorganization plan with suggested principles for high school standardization In North Carolina the plan is in a large manner successful Too many present high school standards are out of date

1902. Hollis, E. V. Extending the high school pupils range of general information Nations schools 5 42-44, June 1930

This article reports a sample of the general information of entering college freshmen at the State teachers college, Morehead Ky., as revealed by the general information sections of the Army alpha intelligence test and the Thorndike intelligence examination The Army alpha test was given to 629 entering freshmen the Thorndike intelligence examination was given to 242 freshmen Data indicate that teachers should provide class exercises that require the broadening of pupils information

1903 Houchell, Paul. The high school pupils of a Kentucky mountain county Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 157 p ms

1904. Humphreys, Thomas Roland A study of the relationships between the size of Oregon secondary schools and ability of their graduates entering University of Oregon Master's thesis, 1929 University of Oregon Eugene 130 p ms

A study of 1 293 students entering University of Oregon fall 1926-1927 and 1927-1928 who were graduates of Oregon secondary schools.

1905 Idaho State board of education Second annual high school inspector's report, 1929-1930 Boise, Department of education, 1930 28 p (Idaho bulletin of education, vol 16 no 2, January 1930)

Gives information concerning enrollment, teacher turnover teacher load teacher experience and salaries equipment library books educational costs etc

1906 Inman, Gideon Waldo Some factors affecting the choice of and success in high school subjects Master's thesis 1930 University of Colorado, Boulder University of Colorado studies, 18 79, December 1930 (Abstract)

The purpose of this investigation has been to compare achievement in elective subjects with achievement in required subjects in relation to educational expectancy vocational interests and amount and character of activities to show to what extent success in elective subjects has been influenced by certain reasons for choosing them and to point out the implications of the above factors with respect to guidance of high school pupils Data were obtained by means of questionnaires to pupils and transcripts of official marks There were 1 104 cases included in the study consisting of 526 boys and 578 girls

1907 Jessen, Carl A Secondary education Washington United States Government printing office 1929 19 p (U S Bureau of education Bulletin, 1929, no 22)

Advance sheets from the Biennial survey of education in the United States 1926-1928

1908 Johnson, F E Personnel study of the student body in the private secondary schools of Minnesota Master's thesis 1930 University of Minnesota, Minneapolis

1909 Johnson, W Ray The relation between general intelligence, choice of, and success in high school subjects Masters thesis 1929 University of Colorado, Boulder 154 p ms

1 364 cases in 3 large school systems of Colorado were studied and IQs and term grades correlated (weighted marks) Findings Marks and intelligence show that the intelligence test alone can not be used for satisfactory basis of guidance

1910 Joy Herman Charles. Educational values in the administration of the high school student body finances Master's thesis 1930 University of Southern California, Los Angeles ms

1911. Keho Clifford H. Subject matter and activities that should be included in the small high school program as indicated by the graduates of three Page county high schools Master's thesis, 1929 Iowa State college, Ames 73 p ms

1912 Knight, James and Manuel H T. Age of school entrance and subsequent school record School and society 12 24-26 July 5 1930

A comparison is made in this article of the school success and progress of a group of 62 high-school graduates who entered school at six years of age and a corresponding group of 41 who entered at seven. Data were secured from the records of all the June and August 1929 graduates of Waco high school. Data indicate that those students who entered the first grade at six did as well as, or a little better than those who entered later.

1913 Koch, Harlan C. Is the department headship in secondary schools a professional myth? School review 38 346-49 May 1930

The functions of the headship as reported by heads of departments themselves may be divided into two major categories, administrative and supervisory, although there is some overlapping in these divisions. 919 department heads in 171 high schools in 114 cities reported the extent of their functions in seven fields. They participate most freely in changing the curriculum and in selecting textbooks. Findings: There is apparently little agreement among school administrators as to what the functions of department heads should be. No generally accepted criteria of selection of individuals for the position are operative. The prerogatives of heads of departments are severely limited.

1914 ——— Some aspects of the department headship in secondary schools School review, 38 243-75 April 1930

Data secured from superintendents, principals and department heads representing 171 high schools in 114 cities in 31 states indicate that there is a wide range in the qualifications required for the position. 26.6 per cent of all teachers appointed to department headships had taught from six to ten years. There is a wide gap between the headship and adequate preparation for it, especially in the major fields. Many heads of departments indicated that they had taken education as a graduate major or minor subject showing that they are professionally alive to the professional requirements of the position of the head of a department.

1915 Kyle, Z T. The effect of reorganization of secondary education in Virginia Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn. 80 p ms.

A study of subject combinations, teaching combinations, blanket certificates, etc.

1916. Layle John K. A suggestion for the reorganization of the secondary school systems of Allen county, Kans. Master's thesis, 1929 University of Kansas, Lawrence

1917 Lee Olin Pierce. A study of the intellectual interests of senior high school pupils. Master's thesis 1930 University of Chicago, Chicago, Ill.

1918. Leech Don Raymond. An analytic study of the graduates of the Harvard Nebraska high school Master's thesis, 1930 University of Nebraska Lincoln. Educational research record (University of Nebraska) 2: 127-39, February 1930. See also School review, 38 222-26, 377-78 March May 1930

This study attempts to discover whether or not any relationship exists between high school records and success in life of graduates of the high school at Harvard, Nebraska. Data were secured from records of the high school from 1888 to 1928, various other H's records, graduates themselves and their friends.

1919. Loomis, A K. Some results of the elective system in the high schools of Denver School review, 37, 510-18 September 1929

The units completed in grades 9-12 by 2,501 graduates in the classes of 1926 and 1927 were analyzed. It was found that a large number of different combinations of subject groups of two or more units were completed by the graduates. Denver high school graduates were compared with those of New York City as to the mean number of units com-

pleted in the various subjects. Denver is lower in the mean number of units completed in foreign languages and in social science and higher in home economics and industrial arts.

1920 Lund, Leonard Charles. Diploma practices in secondary schools. Master's thesis, 1930. University of Chicago, Chicago, Ill.

1921. Lund, S. E. T. The relation of the personal interview to scholastic success in a small high school. Master's thesis, 1930. University of Minnesota, Minneapolis.

1922 Lundeen, Gerhard E. and Caldwell, Otis W. A study of unfounded beliefs among high-school seniors. New York City, Teachers college, Columbia university, 1930.

The aim of the study was to find to what extent high school seniors of different localities have heard of, believe in, and are influenced by certain types of unfounded beliefs; also to secure a factual foundation to determine what undesirable ideas are most prevalent and influential. Data show that the agencies which influence people have not prevented belief in signs and superstition.

1923 McGreal, Michael R. An evaluation of two summer senior high schools of Newark, N. J. Master's thesis, 1929. New York university, New York, N. Y. 77 p. ms.

1924. McNely, Earl J. The township high school in Illinois in 1929. Master's thesis, 1930. University of Chicago, Chicago, Ill. 250 p. ms.

A study of the organization, location, and legal status, administration, equipment, finance, faculty, course of studies, and accrediting agencies. Conclusions: the four-year township high schools of Illinois are on a high plane of standardization and are organized to do efficient work.

1925 MacNitt, Reginald D. Introversion and extroversion in the high school and their relation to age, sex, academic success, and leadership. In Michigan schoolmasters' club Journal, 1930. p. 238-41. (University of Michigan official publications, vol. 32, no. 8, July 26, 1930).

1926 Monroe, George Walter. Survey of the Owensmouth high school. Master's thesis, 1930. University of Southern California, Los Angeles. ms.

1927 Morrison, Edward L. An analytical survey of the two-teacher, four-year high school. Master's thesis, 1930. Oklahoma agricultural and mechanical college, Stillwater.

1928 Mulhern, James. Secondary education in Pennsylvania. Doctor's thesis, 1930. University of Pennsylvania, Philadelphia.

1929 Neil, R. B. Case-book in the technique of high school instruction. November 1929. Hamline university, St. Paul, Minn. 72 p. ms. Minneapolis Burgess Roseberry Company, 1929.

Cases collected during 14 years' experience as a director of teacher training.

1930 Nettels, C. H. Los Angeles high school graduates. Los Angeles educational research bulletin, 10. 8-10, February 1930.

Tabular presentation of high-school graduates. Table 1 shows school enrollment, graduates, per cent graduating; table 2 gives comparison of percentages of boy and girl graduates recommended for college—school year 1927-1928; table 3 lists educational institutions, Los Angeles high school graduates of 1927-1928 expect to attend.

1931. New Hampshire State board of education. 1929-1930 secondary reports. 35 p. (Institute circular. Series 1930-1931, no. 148).

This circular is based upon the reports forwarded from the different secondary schools.

1932. New Trier township high school, Winnetka, Ill. Department of reference and research. A comparison of New Trier high school as a college preparatory school with other high schools. March 1930. 4 p. ms.

The data of this study deal with enrollments for the year 1927-1928 graduates of June 1928 and work at college of these graduates for the first semester of 1928-1929. New Trier stands much better than the average for all territory of the North Central association of colleges and secondary schools.



1933 New Trier township high school, Winnetka, Ill Department of reference and research Scholarship achievement of New Trier high school freshman groups classified according to the grammar schools from which they graduated. First and second semesters 1928-1929 April 1930 8 p ms

1934 Newenham Raymond Lincoln The community high school in Illinois Masters thesis 1930 University of Chicago Chicago Ill 170 p ms

A study of the development organization finance teachers plant and equipment and course of study Conclusions Efficiency of community high schools in Illinois is comparable to efficiency of other secondary schools

1935 North Carolina. State department of public instruction High school manual including reorganization program Raleigh N C 1929 86 p (Educational publication no 134 Division of school instruction no 36)

1936 North Dakota. Department of public instruction Twenty second annual report of the inspector of high schools to the Superintendent of public instruction for the year ending June 30 1929 Bismarck N Dak 1929 76 p

Gives information concerning enrollment and attendance high school growth graduates continuing their education size of classes grade promotion and failures teachers salaries libraries and expenditures

1937 Ohlson Henry C Extent to which pupils in small high schools of West Virginia are being taught by teachers who have specialized in the subjects they are teaching Masters thesis, 1930 Ohio State university, Columbus 78 p ms

A study of the entire state of West Virginia to determine the proportion of pupils receiving instruction in the teachers major preparation in small high schools Findings Sixty two and four tenths per cent of the pupils in small high schools of West Virginia are receiving instruction in the major preparation of the teachers who are so teaching

1938 Orleans Jacob S The improvement of prediction of junior and senior high school success Bulletin of New York society for experimental study of education October 1929 (Address William Jansen 500 Park Avenue New York N Y)

1939 Osburn, W J Description of the various fields of subject matter in secondary education upon which the Ohio state scholarship contest is to be based 1930 Ohio state department of education Columbus

The study involved English United States history algebra geometry physics chemistry Latin French biology and national problems Findings The subjects of biology and national problems are much unsettled

1940 Otto, William A A survey of the Mountain View union high school district Masters thesis, 1930 Stanford university Stanford University Calif

The study covers the period from 1919 to 1929

1941 Perkins Everett Valentine What recent graduates of Maine high schools think Masters thesis 1929 University of Vermont Burlington 82 p ms

A study to find out the opinions standards and purposes of senior boys and girls in 71 Maine high schools and to adapt schools to their needs Findings Ideas and ideals are sound judgments and tastes commendable similarity of thought was found Schools should change program so that there will be less rigidity in required subjects more vocational guidance and new courses dealing with civic problems

1942 Phelps Amy Lincoln Methods of routine procedure for four year high schools of 1000 or more students Masters thesis 1930 University of Southern California Los Angeles ms

1943 Phillips, Carey William. Comparison of State and Southern accredited high schools in Alabama. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 76 p ms

This study includes 39 high schools holding membership in the Southern association of colleges and secondary schools and 159 high schools accredited by the Association of Alabama colleges. The sampling includes 68 per cent of the public high schools in Alabama. Findings: Significant differences are shown in favor of the Southern association high schools in 13 of the 18 items of which comparisons were made. No significant differences were shown in the other five items between the State and Southern accredited high schools.

1944 Phillips, Frank M. Statistics of private high schools and academies, 1927-1928. Washington, United States Government printing office, 1929. 61 p (U. S. Bureau of education. Bulletin, 1929, no. 19)

Advance sheets from the Biennial survey of education in the United States, 1926-1928

1945 ———. Statistics of public high schools, 1927-1928. Washington, United States Government printing office, 1929. 136 p. (U. S. Office of education. Bulletin, 1929, no. 35)

Advance sheets from the Biennial survey of education in the United States, 1926-1928

1946 Phinney, R. V. *The two year high schools of Kansas, a survey*. Master's thesis, 1930. University of Kansas, Lawrence

1947 Pickett, Lemen Easdale. A follow up study of drop-outs and graduates from Holton, Ind., high school as a basis for curriculum recommendations. Master's thesis, 1929. Indiana university, Bloomington. 83 p ms

1948 Pittsburgh, Pa. Public schools. Department of curriculum study and research. *Leaders of high school democracy* [1930] (Printed)

1949 ———. What becomes of the graduates of the Pittsburgh public high schools? 1929-1930. 4 p ms. (Special bulletin no. 6)

Pittsburgh sends to advanced institutions of learning between 45 and 50 per cent of its high school graduates—nearly one half and into the commercial world about one third. Of the boys, fully one-half go to college more than one fifth directly into commerce or business and nearly one fourth into industrial work. Of the girls, about six tenths go to college or into the business world, business getting just a few more than college.

1950 Prochaska, C. J. *The high school handbook*. Master's thesis, 1930. University of Nebraska, Lincoln. 75 p ms

Investigation of policies governing publication of handbooks and contents of same. Findings: 153 nonduplicating topics were presented, in general there is enough value in the handbook to justify its continuance.

1951 Ratchiffe, O. E. Comparison of C-grade and A-grade county high schools in Tennessee. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 127 p ms

This study includes in its scope only the C-grade and A-grade four year county high schools in Tennessee for the year 1928-1929

1952 Rives, Sara. A plan for the improvement of the secondary system of De Soto parish, Louisiana. Master's thesis, 1930. University of Cincinnati, Cincinnati, Ohio. 55 p ms

A study of the physical plants and equipment, extracurricular activities, teaching load, salary cost per pupil, curriculum and scholastic achievement of seven large high schools and seven smaller ones of De Soto parish. Conclusions: first the seven larger schools showed a distinct advantage over the seven smaller schools on all points of evaluation except scholastic achievement. On that point there was a slight advantage for the larger schools. Second by a rearrangement of the truck routes already in operation and the addition of three new trucks there is possible a consolidation of six of the schools with five others that will without doubt increase the efficiency of the eliminated schools on five of the six points and at the same time give the parish a net saving of \$12,000.

1933 Robbins, Elmer Calvin The need for reorganization of the secondary schools of Jackson county Master's thesis, 1929 Indiana university, Bloomington 138 p ms

1954 Robinson, B B Programs of a study possible for a three-teacher high school 1930 Duke university, Durham, N C

An effort to show the various programs of study possible for a three teacher high school with alternating courses and how such programs can be scheduled in a given school

1955 Romine, W R An appraisal of courses of study for secondary schools Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 67 p ms

Nineteen fundamental publications on secondary school curriculum and ten city high school courses of study were studied Findings (1) criteria were set up for appraising courses of study in secondary schools (2) seven of the ten courses need scientific revision

1956 Ross C C How shall we predict high-school achievement? In Kentucky University Sixth annual educational conference Proceedings, 1929 p 33-47 (University of Kentucky Bureau of school service Bulletin, vol 2, no 2 December 1929)

From this study the author concludes that is the history of the individual as in the history of the race the only way to judge the future is by the past, and that at the present time the best measure of a pupil's past at the time he enters high school is his grade school record

1957 Rutledge, R E Follow up of high school graduates classes of June 1927, December 1927, June 1928, December 1928, June 1929, December 1929, June 1930 Public schools, Oakland, Calif 15 p ms

1958 Schaaf, Laurence J Certain phases of the relative educational efficiency of four year high schools of 30, 60, 100 150 and 200 pupils Master's thesis, 1930 Ohio State university, Columbus 73 p ms

Four year high schools of Ohio with enrollments of between 15 and 225 pupils were studied Findings Educational efficiency in general increases with increase in enrollment

1959 Shannon, J R The post school careers of high school leaders and high school scholars School review, 37 656-65, November 1929

The classes of 1914-1919 of the Garfield high school Terre Haute Ind were divided into three groups, leaders scholars and a random sampling of students who were in neither of the other groups, and their post school careers were studied The graduates who were leaders in pupil activities in high school made a better showing in most respects than those in the other groups It seems that the scholars are the least successful in post school life and that whatever it is that is necessary for high school success is not the factor that is needed for success in life

1960 Shinn, Eleanor A study of certain secondary schools of Delaware county Master's thesis, 1930 University of Pennsylvania, Philadelphia 39 p ms

This is an historical study of public and private schools of Meila both past and present and of the Swarthmore schools

1961 Smith, Henry Lester and Franzen, Carl G E Cooperative studies in secondary education Bloomington, Indiana university, 1930 121 p (School of education bulletin, vol 0 no 4)

Contents 1 Criteria for determining the content of the public speaking course for secondary schools by C R Parks p 7-10 2 Better and simpler organization in schedule making by F H Gillespie and others, p 17-32 3 Case studies by Gertrude Thuemler p 53-64 4 Relative value and position of subject matter in a two-year vocational course in electricity by R R Stewart and E R Finehout p 65-79 5 Study of the effect of definite written exercises upon learning in a course in American history, by Fred R Gorman and DeWitt S Morgan p 80-90 6 Characteristics of the 150 senior honor roll graduates of the June 1927 graduating class at the Arsenal technical

schools, by Earl W. Ensloger, p. 91-100. 7. Study of transcript errors made by stenography pupils, by F. H. Gillespie, p. 107-109. 8. Use of pretests, comprehension, and vocabulary tests to determine comprehension of a literary selection, by Margaret Burosida, p. 110-119.

1902 Snowden, Herbert A. A comparative study of secondary education in Ontario and Louisiana. Master's thesis, 1930. Tulane university, New Orleans, La. 60 p. ms.

Compares aims, methods, administration, courses, etc., in the two systems

1903 Soper, Wayne W. Percentage of boys and girls in the secondary schools of New York State. School and society, 32: 135-40, July 26, 1930

Data were secured from annual reports of the State education department. Boys registered now exceed girls but girls still are graduated in larger proportions

1904, ——— and Cox, Warren W. Trends in secondary education. New York, University of the State of New York, 1930. 71 p. (Bulletin, no. 961).

Statistics from annual reports of the University of the State of New York for a period of 15 years, analyzed according to the high school grade, boys and girls, high school subjects, and age.

1905 Spoerl, Elmo E. Experimental instruction in relation to the improvement of instruction in Metuchen high school. Master's thesis, 1930. New York university, New York, N. Y.

1906 Stanley, Mark McKloskey. The preparation for and administration of the opening of a senior high school each year. Master's thesis, 1930. University of Southern California, Los Angeles. 143 p. (Abstract in N. E. A. Department of secondary school principals bulletin no. 34. 21-24, January 1931)

The study undertakes to discover how the principal can best organize his school in order that pupil registration can be carried out most efficiently and classroom procedures begin as soon after the opening of school as possible. Data are based on responses to a questionnaire sent to all high schools in California with an enrollment of 500 or more, and to 60 large high schools outside of California. After a study of the procedures in use in the various high schools, two suggested organizations were outlined

1907. Staton, E. C. The organization of high schools in Davie county, N. C. with proposals for reorganization. 1930. Duke university, Durham, N. C.

1908 Stoddard, Neal H. Predicting high school achievement from MA's, IQ's and teachers' marks. Master's thesis, 1940. University of Wisconsin, Madison.

1909. Sullivan, Eugene James. A critical study of the three-teacher, four-year high school of Pennsylvania. Master's thesis, 1929. Cornell university, Ithaca, N. Y. 75 p. ms.

A critical analysis of the organization, teaching staff, daily program, program of studies, requirements for graduation, etc., with recommendations for improvement of 94 high schools. Findings: These schools, because of limitations in all factors considered, do not meet modern demands of secondary education. They are simply college preparatory academies under the more modern term of high school.

1970 Trabue, Morion Rex. Abilities of first-year high school pupils in North Carolina. High school journal, 13: 10-13, January 1930.

1971. Traner, Fred W. The American concept of secondary education as revealed by an analysis of the laws of the several states. Doctor's thesis, 1930. University of California, Berkeley. 227 p. ms.

Findings: The American concept of secondary education as revealed by an analysis of the laws is: That in practically all of the states it embraces only the high school. This is the institution—4 year period—following the elementary school. It exists primarily for the education of those under 21 years who have had elementary training. It is not clearly distinguished by any of the states as to function. A large number of states define its purpose as so: institution of higher education, for the preparation of teachers especially for the rural schools.

1972 Turner, Eloise Jane. *The effects of two years of high school on fundamental skills and knowledge* Master's thesis, 1930 Yale university, New Haven, Conn

1973 United States Office of education. *Some features of the junior and senior high schools of Roanoke, Va* Report of a survey made by the United States Bureau of education Roanoke, Va, Board of education, 1929 51 p

This survey was made by W S Deffenbaugh and Carl A Jessen

1974 Walmsley, Zetta C. Underwood. *A study made of Yola county, Calif, high school graduates and non graduates over the period 1923-1928* Master's thesis, 1930 University of Southern California, Los Angeles. ms

1975 Wilcox, Clarence R. *Private secondary education in the Association of colleges and secondary schools of the Southern States* Doctor's thesis, 1930 Johns Hopkins university, Baltimore, Md

1976 Wiley, George M. *Report on secondary education in the State of New York, for the school year ending June 31, 1929* Albany, N Y, University of the State of New York, 1930 69 p

1977 Woofter, J A. *Status of the six year high school in West Virginia* Master's thesis, 1929 University of Virginia, Charlottesville

A study of the buildings equipment, teachers and program of studies of the six year high schools of West Virginia Suggests ways in which the high schools of the State can better meet the need of its high school population

1978 Young, Arthur R. *The effectiveness of various high school textbooks in teaching fundamentals as measured by results on the Iowa academic tests* Master's thesis, 1930. University of Iowa, Iowa City. 44 p ms.

See also 7, 23, 34, 36, 47, 52-53, 152, 159, 161, 165, 180, 184-180, 213, 253, 265, 267-268, 270, 272, 274 278, 282, 304, 328, 331, 333, 338, 341, 345-346 307, 531, 560, 581, 616, 645-647, 654, 661, 663, 677, 680-681, 684, 690, 693-694, 704 720 2183-2185, 2196, 2200, 2210-2211, 2223-2224, 2230-2231, 2254, 2261-2262, 2267, 2273, 2270, 2287-2288, 2300, 2321, 2339-2340, 2342-2343, 2346-2347, 2349, 2351-2354, 2360, 2368, 2370, 2389, 2413-2414 2446, 2449, 2451, 2475, 2493, 2507, 2518, 2541, 2544, 2627, 2645, 2665 2716, 2735, 2742, 2744-2745, 2749 2752, 2750, 2765, 2768, 2779, 2787, 2811, 2815, 2817-2819, 2824, 2871, 2879, 2887, 2889, 2911-2912, 2915-2916, 2918, 2922, 2924-2925, 2931, 2939, 2942, 2950-2951, 2953, 2956, 2992, 2997, 2999, 2974, 2979, 2981 2983, 2989, 2990-2991, 3007, 3015, 3016 3022, 3027, 3078, 3083, 3086-3087, 3090, 3095, 3102-3103 3107-3108, 3111, 3113-3114, 3121, 3123, 3127, 3138, 3145, 3150, 3152-3154, 3157-3158, 3173-3174, 3184-3185 3187, 3196, 3198, 3211-3212, 3218, 3229, 3232-3233, 3237, 3242, 3251, 3258, 3275, 3288, 3295, 3307-3308, 3310 3318, 3321, 3330, 3338, 3350, 3353, 3368, 3373-3374, 3420, 3431, 3456, 3463, 3474, 3483-3484, 3488 3503, 3570, 3576, 3582, 3594, 3597, 3600 3610-3611, 3616, 3629, 3632, 3644 3646, 3650, 3681, 3683, 3690, 3712, 3731, 3756, 3762, 3789, 3793, 3829, 3831, 3844, 3848, 3863, 4289, 4300-4301, 4303, 4308, 4310, 4369, 4375, 4381, 4388, 4393, 4398, 4412, 4440 4458, 4473, 4486, 4503 4579-4581, 4589, 4602, 4612-4613, 4620, 4624, 4627-4629, 4645, 4650-4651, and under Agricultural education; Athletics, Commercial education; Education of women; Educational and vocational guidance; Extracurricular activities; Home economics; Manual and vocational training; School principals; Special subjects of curriculum; Teacher training.

#### JUNIOR HIGH SCHOOLS

1930 Bergman Frank Virgil The junior high schools of Kansas Master's thesis 1929 University of Colorado Boulder 45 p ms

Study of 75 junior high schools of Kansas for development and present status of work. Findings Increased opportunities for students individual development physically and mentally

1931 Beutler A Louise A study of the subject matter and equipment needs of a city junior high school community Master's thesis [1930] New York state college for teachers Albany

1932 Coulbourn John Home study program for junior high schools 1930 Department of education Baltimore Md 8 p ms

1933 Dugdale Lee Allsop A study of the relation between certain physical and mental traits of junior high school students Master's thesis 1930 University of Denver Denver Colo 44 p ms

One hundred and ninety four cases of typical American children from an urban community pupils of a junior high school were tested during the second semester 1928-1929

1934 Englund, William. A study of certain interests of seventh grade junior high school pupils of Kansas City Mo Masters thesis 1930 University of Kansas Lawrence

1935 Flemming Cecile White (Summit N J) A survey of pupil quality and instruction in the junior high school Kent Place school for girls Summit N J 1930 21 p ms

1936 Fockler, Edmond R The small rural junior high school in Hawaii Masters thesis 1930 University of Hawaii Honolulu 90 p ms

Evaluation of small rural junior high schools in Hawaii in light of accepted best practice and principles—organization functions status difficulties limitations and possibilities Findings Hawaiian rural junior high schools are up to the standard accepted for mainland junior high schools

1937 Hoover, Evie G The orientation of L7 grade entrants in large junior high schools of the East Bay district Master's thesis 1930 University of California Berkeley 73 p ms

Describes the plans and procedures now in use in the orientation of L7 grade entrants in large junior high schools of the East Bay district.

1938 Hunnicutt, William C The rise of the junior high school movement in Ohio Master's thesis 1930 Ohio State university Columbus 93 p ms

1939 Leonard J Paul An instructional survey of grades 6 7 and 8 of Hopewell Va 1930 College of William and Mary, Williamsburg Va 110 p ms

A study at the junior high school level—grades 6 7 8—in the following subjects reading English language punctuation and capitalization mathematical reasoning and calculation ability English composition (rating scales for content) spelling word knowledge and intelligence test

1930 Lusk Alice F A study in the possibilities of a no home-study program in junior high school Los Angeles educational research bulletin 9 2 9 June 1930

The study covered a period of time ranging from five to ten weeks in three schools Questionnaires on pupil load were sent to 18 groups of pupils of about 30 each a group from each level in each grade questionnaires were sent to teachers covering note book reports (oral and written) study habits character habits assignments division of the fifty five minutes pupil reaction teacher reaction obstacles general observations findings recommendations on the no-home-study program Recommendations were favorable considering the length of time covered by the study

1931 Lyman R. L The junior schools of San Antonio Texas School review 38 414-29 June 1930

The junior high schools of San Antonio were studied as to integration normalization individualization exploration and socialization They were inaugurated in 1923 when the entire school system was reorganized on the 5-3-3 basis No one of the functions of

the schools is definitely segregated from the others, no one of them is exclusively cut out by any single school procedure. The essence of the junior high school lies in administrative devices but rather in a radically new conception of the curriculum series of carefully directed pupil experiences in fields of subject matter closely related to the needs of boys and girls in their daily lives.

1992. McConnell, William W. The junior high school movement in Kansas. Master's thesis, 1929. University of Kansas. Lawrence. University of Kansas bulletin of education 2: 27-30 April 1930. (Abstract)

1993. Mathews, C. O. Progress in junior high school education 1929-1930. Ohio Wesleyan university, Delaware.

Progress for the year is summarized from a study of representative articles and published during the period.

1994. Mills, Samuel E. Features of the junior high school found in smaller schools of Nebraska. Educational research record (University of Nebraska) 2: 145-52 April 1930.

A study was made of three groups of schools in Nebraska employing from 8 to 12 teachers to learn the plan of organization, home rooms and study halls, departmentation, electives, methods of promotion, provision for individual differences, vocal and educational guidance, supervised study and socialized recitation employed. Typically all features of the junior high school are feasible for the schools of all groups studied.

1995. Morgan, W. E. Present legal status of the junior high school in California. In Proctor and Riccardi. Junior high school. Stanford University Press, 1930. p. 267-71. (Division of research statistics, California state department of education.)

1996. Murphy, F. W. The junior high school with special reference to Mississippi. Master's thesis, 1930. University of Illinois, Urbana. 120 p.

1997. O'Shea, Sister Mary James. A comparative study of inferior and superior pupils on the junior high school level. Master's thesis, 1930. Loyola university, Chicago, Ill. 108 p. ms.

1998. Rath, H. N. Student hand books for junior high schools, 1930. Indiana university, Durham, N. C.

An analysis of student hand books used in junior high schools with the special purpose of developing an effective hand book for the junior high schools of Miami, Fla., and a relation of the hand book to student morals.

1999. Smith, Charles Currier. The junior high school in Alabama. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 120 p.

The extent to which junior high schools in Alabama are measurable, up to standard set up for the junior high school by representative leaders in the movement. A sample of 25 Alabama junior high schools was used. Findings: Tradition has greatly influenced the organization and content of the junior high school in Alabama. As a general conclusion, the junior high school in Alabama is a junior high school in name only.

2000. Smull, Earl. A survey of Mauch Chunk Township junior high school. Master's thesis, 1929. University of Pennsylvania, Philadelphia. 61 p. ms.

2001. Smyth, Alice K. Relationship of scores obtained by junior high school pupils in the Rogers physical fitness tests to their mental ability and achievement. Master's thesis [1930]. New York state college for teachers, Albany.

2002. Brygley, Theodore Gunries. Broadening and finding ratings in junior high schools. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 33 p. ms.

2003. Sleeper, Hubert de Tinsley. A survey of 38 seventh and eighth grade pupils in junior high school. Master's thesis, 1929. University of Kansas, Lawrence.

2004. Stingley, C. L. Curriculum practices in 25 junior high schools in Ohio. High school teacher, 6: 114-16, March 1930.

This report covers time-allotments by departments, constants and variables types of programs of study, pupil guidance, etc.

2005. Swenson, L. O. Status of the junior high school in Washington. 1929 State department of education, Olympia, Wash. 3 p ms

This study covers a statistical report for the year, training and experience of teachers, housing outline courses of study, required and elective subjects in the different grades and student activities

2006 Wood, John W. Constructive discipline in the junior high school. Master's thesis, 1930 Rutgers university, New Brunswick, N. J.

2007. Wright, Owen. School awards in the junior high schools. Master's thesis, 1930 University of Iowa, Iowa City. 247 p ms.

See also 171, 245, 271, 314, 321, 324, 331, 337, 342, 341, 353, 436, 500, 630, 858, 900, 920, 948, 979, 1010, 1015, 1035, 1038, 1048-1049, 1065, 1076-1078, 1095, 1111, 1114, 1137, 1170-1180, 1187, 1228, 1232, 1242, 1267, 1274, 1327, 1369-1370, 1385, 1387, 1536, 1538, 1545, 1578-1579, 1582, 1597, 1603, 1614, 1654, 1867, 1973, 2355, 2357, 2433, 2553, 2783, 2821, 2841, 2888, 2908, 2924-2925, 2928, 3057, 3059, 3063, 3070, 3082, 3104, 3118, 3122, 3124, 3132, 3140, 3155-3156, 3179, 3170, 3178, 3183, 3101, 3202-3203, 3210, 3221, 3289, 3291, 3317, 3317, 3370, 3416, 3442-3443, 3451, 3472, 3713, 3837, 3893, 3910, 3919, 3939, 3948, 3968, 3975, 3970, 4028, 4032, 4141, 4147, 4158, 4180, 4205, 4215, 4239, 4414, 4648

#### JUNIOR COLLEGES

2008 Bracewell, R. H., Coughill, J. R and Hilliard, J. S. Study of ways and means of developing a proper group consciousness among our junior college students. Des Moines, Iowa state teachers association, 1920 16 p

2009 Dullard, Catharine L. Student activities in junior colleges. Master's thesis, 1929 University of Minnesota, Minneapolis.

2010. Campbell, Doak S. A critical study of the stated purposes of the junior college. Doctor's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. Nashville, Tenn. George Peabody college for teachers, 1930 120 p (Contributions to education, no 70)

Locates statements of purpose found in catalogues and in educational literature and evaluates them in terms of junior college practice. Findings: (1) No recent new statements; (2) few statements worked out in practice; (3) new statement needed. Standardizing agencies greatly influence practice.

2011 Carpenter, W. W. and Carter, W. R. The duties of the dean of the public junior college. Peabody Journal of education, 7: 218-23, January, 1930

A study was made of 46 answers concerning the duties of the dean received from questionnaires sent to the deans of the 124 public junior colleges listed in the 1928 directory of the American association of junior colleges. Their duties were studied under the headings of: personal duties, duties in relation to students, duties in relation to the teaching staff, duties in relation to the community, and duties in relation to school officials. The activities are not evaluated.

2012. Craig, J. Marie. The status of the junior colleges of Mississippi. A study of the state accredited two-year institutions in the year 1928. Master's thesis, 1930 Duke university, Durham, N. C.

A study of the growth development, and present status of the junior colleges of Mississippi, in the light of the ordinarily accepted aims of the junior college.

2013 Douglass, Aubrey A. The junior college and the college of liberal arts. Claremont college, Claremont, Calif. School life, 15: 172-74, May, 1930

Shows number of students transferring from junior colleges and the institutions to which they go; shows also how four liberal arts colleges in Southern California have been affected in enrollment



1914 Eby, Frederick and Pittenger, Benjamin Floyd. The financing of junior colleges in Texas. 1930 University of Texas Austin

1915 Eells Walter Crosby Bibliography on junior colleges Washington Government printing office 1930 167 p (U S Office of education Bulletin 1930 no 2)

1916 ——— California junior college mental educational survey Sacramento California state printing office 1930 61 p (California State department of education Bulletin no J-3)

Summary and analysis of mental-educational scores of California junior college students on Thurstone psychological examination and Iowa high school content examination State norms were established group comparisons made Findings Overlapping in the scores of certificate and diploma students indicates this classification is arbitrary and not valid as basis for college entrance

1917 ——— and Brand R Student opinion in junior colleges in California School review 38 176-90 March 1930

Reports a summary of the opinions of more than 3000 students in 28 junior colleges in California regarding various significant aspects of the institutions of which they are a part The final results include a summary of 3058 replies to a questionnaire attempting to secure reasons for attendance and an evaluation of their relative importance The opinions as expressed are favorable to the junior college but not blindly or unconditionally so There are keen comments on recognized shortcomings of the junior college

1918 Ellmore, G H The junior college in American education Master's thesis 1930 University of North Carolina, Chapel Hill

Gives recent development and present status of junior colleges in the United States

1919 Hall Walter A A follow up study problem of Chaffey junior college students Master's thesis 1929 University of Southern California Los Angeles 350 p N E A Department of secondary school principals bulletin, 34 88-90 January 1931 (Abstract)

A survey of the educational and vocational work of former Chaffey junior college students and application of the findings to the junior college curricula The study included all the students who entered the college from 1916 to 1924 inclusive and who took six or more units of work during any one semester Data were used for 317 junior college graduates and 476 junior college dropouts

1920 ——— and Touton, Frank C A follow up study of Chaffey junior college students California quarterly of secondary education 5 331-39, June 1930

An investigation of the educational and vocational experience of former Chaffey junior college students in order to suggest applications of the findings to the development of the college curricula 703 students who entered the college between 1916 and 1924 were studied

1921 Hanna, Joseph V Student retention in junior colleges Journal of educational research 22 1-8 June 1930

Gives the results of a study of retention in 36 junior colleges distributed throughout the Middle West the South and the Far West From the facts obtained it was found that student mortality is severe as compared with private institutions relatively large numbers of students require more than two years for completing two years of work and relatively large numbers of public junior-college graduates entered the junior year at universities

1922 Henderson, Lester Dale Should Alaska establish junior colleges? Master's thesis 1930 Stanford university Stanford University, Calif

1923 Holy, T C and Green R E Determining criteria for establishing junior colleges 1930 Ohio State university, Columbus 150 p ms

1924 Hughes Rees H The public junior colleges in Kansas School review 8 450-55 June 1930

The first public junior college in Kansas was organized in Hottel in 1917 There are now 10 junior colleges in Kansas approved by the State board of education in which such instruction is given that their students may transfer their credits to standard four

year colleges and universities. Less than 50 per cent of the students enrolled in the junior college in the first year remain for the second year. Less than half of the high school graduates in communities having junior colleges enter these institutions. Six of the colleges charge no tuition to students living outside the school district, the tuition charged in the other four covers only a small part of the cost. In some cases the courses overlap those in the senior high school.

2025 Jones, Hally Foster. Test scores and intention of university entrance for California junior college students. Master's thesis, 1930. Stanford university, Stanford University, Calif.

2026 Kelley, Victor H. An analysis of the high school records of junior college students. School review, 37: 598-601, October 1929.

The records of the Fort Scott junior college Fort Scott, Kans. were studied for the years from 1922 to 1929. Approximately 40 per cent of the graduates of the Fort Scott high school enter the junior college. Many of the students who enter college leave without completing the two years of work. Data indicate that the junior-college students are slightly superior to high school graduates in number of grade points earned during their high-school course. Junior-college students have slightly better records in terms of their high school marks than students who entered other colleges.

2027 Kinsey, Robert Byron. Survey of the public junior colleges of Kansas. Master's thesis, 1930. University of Wichita. Wichita, Kans. 131 p. ms.

2028 McIntyre, William Lee. A study of selected junior college students who transferred to the University of Kansas. Master's thesis, 1929. University of Kansas, Lawrence.

2029 Morgan, W. E. Statistics of district junior colleges—1928-1929. 1929. State department of education, Sacramento, Calif. ms.

2030 Morris, John T. Considerations in establishing a junior college. New York city, Teachers college, Columbia university, 1929. 63 p. (Contributions to education, no. 343).

This study is an analysis of economic conditions, social racial features, transportation facilities and the high school and junior-college populations of certain sections of south western Pennsylvania—undertaken with a view to determining the best location for establishing a junior college to affiliate with the University of Pittsburgh.

2031 ———. Survey of the Johnstown community to determine the need for terminal courses in the junior college. 1930. University of Pittsburgh. Pittsburgh, Pa. (Faculty research).

2032 Morton, Hugh Dudley. Public junior colleges: trend in offerings and qualifications of faculties. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 137 p. ms.

A study of junior colleges established prior to 1920 and operating in 1929-1930 school year (in United States). Findings: Many public junior colleges do not preserve complete files of their publications, there is great lack of uniformity in the terminology in describing courses of the same content. The trend in offerings in public junior colleges in the United States is to increase the number of courses and the number of semester hours in each course. Trend in offerings is away from vocational subjects.

2033 Murphy, Sister M. Lorenzo. The present status of the junior college in the Catholic educational system. Master's thesis, 1929. Catholic university, Washington, D. C.

2034 Piatt, Richard H. and Loly, Kathleen D. A comparison of college freshman grades with special reference to junior colleges. California quarterly of secondary education 5: 354-59, June 1930.

This article compares the actual grades received in a single year, by 782 honor students from 147 high schools in 43 colleges, 22 of which were junior colleges.

2035 Stephens college, Columbia, Mo. Research department. Second progress report to the North central association of colleges and secondary

schools on the educational experiment at Stephens college Columbia Mo 1930 68 p ms

This investigation was proposed with the purpose of inquiring into the justification for the lines of demarcation now existing between the last year of the high school and the first year of the junior college and the significance of this demarcation to the establishment of the four year junior college idea. An experimental period of five years was allowed for the study.

2036 ——— The Stephens college orientation courses. Aims contents construction teaching and bibliography. 1930 27 p ms

2037 Taylor Ferdinand James. Trends in the nonacademic courses and curricula of the public junior colleges. Doctor's thesis 1930 University of California Berkeley 145 p ms

From a study of the trends in the number type and content of nonacademic courses and curricula in the public junior colleges there appears to be a rather consistent effort on the part of the larger public junior colleges to provide nonacademic courses and curricula but as yet the proportional number of students enrolling in these offerings has increased but slightly. In other words the public junior college still remains fundamentally a university preparatory institution.

2038 Utah. Department of public instruction. Findings of a committee appointed by the State board of education April 1929 to study the junior college situation throughout the country with particular reference to the needs of Utah. 1930 80 p ms

2039 Watt, R. R. G. and Touton, Frank C. Relative scholastic achievement of native students and junior college transfers at the University of Southern California. California quarterly of secondary education, 5 243-48 April 1930

This study showed that the work done by the junior college graduates is approximately equivalent to that of the native students.

2040 Wedgeworth, Cortus. The junior college movement in Texas. Master's thesis 1929 University of Colorado Boulder 105 p ms

Historical survey of 17 municipal colleges from 1917 to date. Findings. Cost per pupil \$198.00. Curriculum of three distinct types. Standards are on upward trend. They compare favorably with junior colleges over country.

2041 Young William. The junior college as its students see it. Master's thesis 1929 University of Nebraska Lincoln 74 p ms. Educational research record (University of Nebraska) 2 1-8 October 1929.

Opinions of 2550 students in 37 junior colleges were analyzed. Findings. Generally speaking students concluded advantages were quite superior to disadvantages.

See also 1377 1400 1476 1537 1602 1691 2227, 2374 2761 2787 3044 3062 3130 3953 4053 4190 4348 4607, 4625

## TEACHER TRAINING

2042 Acomb, Marie Harriet. A study of the status and trend of the unified training of kindergarten and primary teachers in state institutions. Master's thesis 1930 University of Chicago. Chicago Ill.

2043 Atkinson A. M. Preparation and evaluation of unit tests for a college course in educational measurement. Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 63 p

2044 Bell Allene. Some objectives for a teacher training program in Alabama 1929 Iowa State college Ames.

2045 Black Florence A. Education in Vermont with special reference to the training of teachers. Master's thesis 1929 Teachers college Columbia university, New York, N. Y. 43 p ms

2046 Breuer, Leo W Training of high school teachers with subjects now taught by them 1930 Department of education Juneau Alaska 4 p ms.

This study covers the training of all high school teachers in Alaska together with the subjects now taught by them the probable subject groupings and the institutions from which they graduated

2047 Burkholder, Henry Longenecker Introduction to teaching as a subject of instruction in professional schools for teachers, a survey of current practice with suggestions for improvement. Masters thesis 1920 New York university New York N Y 69 p

2048 Coggin George W and Rhodes M. L. Teacher training bulletin for trades and industrial teachers 1930 State department of public instruction Raleigh N C 20 p ms

2049 Creager J O Making teaching a profession by professionalizing the training of teachers Educational administration and supervision 16 10-23 January 1930

The author studied the problem of control in the colleges and schools of education in the 3 state universities which had definitely established professional units The factor of control was studied under the following heads control of the program of studies and the control of the subjects making up the curricula He suggests that education students majoring in any given academic subject be placed in a section of their own and that courses be offered dealing with the content to be taught in each of the subjects which the high school offers.

2050 Crispi, Francisca A study of the courses required for training for preschool teaching Masters thesis 1930 University of Iowa Iowa City 147 p

2051 Davis Calvin O Training secondary school teachers in universities. High school teacher 6 103-10 118 March 1930

The announcements of 23 leading universities in the United States were studied as to their offerings in the training of secondary school teachers A summary of the various requirements and practices in these universities is presented

2052 Edens William J Determining emphasis in training teachers of agriculture A study of nineteen states Masters thesis [1930] Cornell university Ithaca N Y

The study recommends more emphasis upon establishing administrative relationships with school authorities studying agricultural resources constructing curricula and courses of study organizing groups for instruction providing equipment and teaching facilities teaching supervising farm practice participating in extracurricular and community activities cooperating with commercial agents in the community and growing professionally

2053 Foreman Eleanor Brynberg A study of teacher training in four non state colleges of North Carolina Masters thesis 1930 Duke university, Durham N C

An investigation as to the history and content of the professional training offered prospective teachers in typical non state colleges with a discussion of the problems faced by these colleges in connection with the new requirements for certification and discussion of teacher training resources existing in these institutions

2054 Foster H H Teacher training in the Burr school Educational administration and supervision 15 614-22, November 1929

The Burr school is a training and experimental school conducted in connection with teacher training at Beloit college This article sets forth the chief features of the experiment being conducted at this school

2055 Frazier Benjamin W Teacher training 1926-1928. Washington United States Government printing office 1929 33 p (U S Bureau of education. Bulletin 1929 no 17)

Advance sheets from the Biennial survey of education in the United States 1926-1928

2006 French William Cullen An analysis and criticism of tests used in certain professional courses for teachers with special reference to normal schools and teachers colleges Doctor's thesis 1930 New York University, New York N Y

2007 Gilbert Geneva. Objectives and content of introductory courses in education Master's thesis 1930 George Peabody college for teachers Nashville Tenn

In this study 39 objectives were found 303 different topics in content were found. Other professional courses do not give much attention to introductory courses The question is raised as to the value of such a course in the profession of teaching

2008 Gilchrist Robert S The educational preparation of secondary school teachers School review 38 340-59 May 1930

The author studied the educational preparation of secondary school teachers from the standpoint of outstanding textbooks relating to secondary education importance and difficulty of items in courses relating to secondary education and the relative importance of the six divisions of the curriculum for the training of secondary school teachers

2009 Hardy Rosa Marion Preparation of teachers of the social studies in Arkansas high schools Master's thesis 1929 George Peabody college for teachers Nashville Tenn 151 p ms

2010 Hawes Edith Mae The academic and professional improvement of teachers in Wyoming Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 2 73 December 1930 (Abstract)

The purpose of this study has been to ascertain the sources of teacher training in Wyoming the status of teacher training for 1929-30 in college term hours and improvements made in certification of rural and elementary grades. Data were obtained from personal surveys in two counties state teacher certification records annual reports of county superintendents and questionnaires sent to all county superintendents of whom one-third replied

2011 Hensch E L Vocational teacher training needs in Ohio [1930] State department of education Columbus Ohio

2012 Higbie E C Rating training facilities in teacher preparing institutions Peabody journal of education, 7 357-61 March 1930

The author gives a proposed rating scheme which is primarily a self measuring attack designed to reveal weaknesses and pave the way in improvements.

2013 Higdon Howard S Development of Sunday school teacher training in Southern Baptist convention. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 103 p ms

Survey of original source material bearing on subject Findings Southern Baptists have kept abreast of other leading evangelical denominations in teacher training

2014 Hoadley, Ruth L. Present status in commercial teacher training in the United States Master's thesis, 1929 University of Iowa Iowa City

2015 Hubert Blanche History for Florida teacher training Master's thesis, 1929 Teachers college Columbia university New York, N Y 101 p ms

2016 Indiana Department of public instruction Teacher training and licensing in Indiana regulations of State board of education Indianapolis Indiana department of public instruction 1930 (Bulletin no 54 rev 1930)

2017 Jamison, Ollis Glen A study of the pupil personnel in Indiana state training school Master's thesis 1929 Indiana state teachers college Terre Haute Teachers college journal (Terre Haute Ind) 1 49-50 November 1929

2018 Johnston Russell. Teacher training in northwestern Wisconsin. Master's thesis 1930 University of Minnesota Minneapolis

2069 Jones, D Coaken. Plans for training teachers of vocational agriculture A study based on the practices of teacher training institutions Master's thesis, [1930] Cornell university, Ithaca, N Y.

Findings: Institutions vary in required hours also in what constitutes complete training, also in what constitutes the value of an hour of credit, institutional needs differ and this should be recognized; seeks model practices, sets up a curriculum

2070 Jones, W. Mitchell The status of the history of education in teacher training courses in the United States. Master's thesis [1930] University of Oregon, Eugene 52 p ms

A study of history of education courses in 54 colleges and universities training teachers, and a comparison of such tendencies with past practices were taken up in this study Findings History of education has declined from its former place of first importance as a course for the training of teachers, these courses receive more consideration in universities than in teachers colleges or liberal arts colleges, history of education is being included in other courses in the department of education

2071 Kakouris, Nicholas K. Teacher training in Hellas Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27: 304-05, November 1930 (Abstract)

2072 Kansas. State department of education Course of study for high schools Part 7—Normal training Topeka, 1930 43 p

2073 Kiely, Margaret V. Certain comparisons of students of teachers colleges and students of liberal arts colleges Doctor's thesis [1930] Teachers college, Columbia university, New York, N Y.

Sophomores, juniors and seniors of six four year teachers colleges are compared with those of seven four year colleges of liberal arts engaged in the preparation of teachers Comparisons were based on results of a series of 12 original tests dealing with general and professional knowledge applied good judgment and attitudes towards general and professional interests Study revealed definite differences between the two types of students in social and economic background Evidence of immaturity on the part of teachers college students suggests a question as to whether instruction in these institutions is as definitely collegiate in grade as that offered to the arts colleges. Weaker showing of arts students in their command of professional information warrants a question as to the efficiency of a general course with professional training as an offset.

2074 Kimmel, Herbert A catalogue study of the faculty of a state teacher training institution Peabody journal of education, 7: 48-52, July 1929

A study of the faculty members of a State teacher training institution of the Middle West was made by studying the college catalogues for the years 1914-1927

2075 Knox, W. W., and Walter, Genevieve Teaching assignments and training of New York state science teachers [1930] New York state education department, Albany, N Y. 15 p ms

A study of subjects taught by representative science teachers in various sized high schools with reference to teacher qualifications Science teachers need well rounded background in all special fields of science beginning science teachers should probably qualify themselves to teach mathematics

2076 Litherland, Herschel A study of the nature and scope of "Principles of secondary education" Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y. 189 p ms

The study attempts to answer questions pertaining to aim of course, title under which course is listed, number of institutions offering it; major topics treated in the course, relative importance of major topics treated in the texts used in the course, and relative importance of the major topics treated by instructors and those suggested by secondary school principals and specialists in secondary education 524 college and university catalogues were analysed General textbooks in the field of secondary education were studied Findings "Principles of secondary education" does not occupy a major position in the training program for secondary school teachers The purpose of the course is quite clearly stated in various catalogue course announcements and in the introductory remarks of the textbooks used Instructors who teach the course are in general agreement as to the major topics treated and with respect to their relative importance Public school men suggest a definite need for increased attention to the secondary school pupil

2077 Louis Irene Slater A survey of the courses in education offered at the University of Notre Dame Masters thesis 1929 University of Notre Dame Notre Dame Ind

2078 Lowman Harmon Luther The history of the teacher training institutions in the Gulf States Doctors thesis 1930 University of Chicago Chicago Ill.

2079 McClellan Katherine A survey of nationalities and some phases of social and economic background of entrants to a teacher training institution Masters thesis [1930] New York state college for teachers Albany

Findings Students come from homes of small families a considerable number of foreign born extraction majority not urban many had relatives in teaching majority come directly from high school to college

2080 Mackenzie Gordon Noth Programs of studies and training of teachers in private and public secondary schools in Minnesota Masters thesis 1929 University of Minnesota Minneapolis

2081 McNall Jessie J A study of the content and organization of materials offered in teacher training institutions together with an examination of the methods used involving visual instruction Washington D C American nature association 1930 6 p (Nature almanac p 132-37)

The study involves the examination of returns from 107 teacher training institutions. Biological topics are offered most frequently in nature study and elementary science to teachers in training. Physical science topics are reported to be presented in less than one-half the schools reporting. Conservation leads as a theme around which materials are organized. The most common used equipment are aquaria and lantern slides. Teachers are given training in the use of lanterns and motion picture equipment in practically none of the schools.

\* 2082 McNeil Millicent A comparative study of entrance to teacher training institutions Doctors thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 (Contributions to education no 443)

The study gives a historical review of the requirements of entrance to teacher training institutions in Switzerland Germany France England and Wales Scotland Australia and New Zealand Canada Scandinavia and the United States from their founding to 1919 and summarizes recent changes from 1910 to the present time. The author concludes that the United States will probably exact higher qualifications of her candidates for teacher training institutions in the future following the example of Germany and Scotland.

2083 Martin Charles W Graduate training in American universities as preparation for college teaching Doctors thesis 1930 University of Missouri Columbia 160 p ms

This thesis includes a study of the professional training of the junior college teachers in Missouri and college teachers who have received advanced degrees from the University of Missouri since 1905.

2084 Mathews C O Syllabus and work book for a first course in measurements for secondary school teachers 1930 Ohio Wesleyan university Delaware

This is a syllabus and exercise book to facilitate the study of problems treated in a first course for teachers in service or training.

2085 Maul Ray Charles A study of administrative practices in correspondence study departments of teachers colleges and normal schools Masters thesis 1929 University of Kansas Lawrence Emporia Kansas state teachers college 1930 71 p (Studies in education vol 1 no 1 January 1930)

2086 Mehuse Christian O Curriculum for the training of teachers of one-teacher rural schools of North Dakota Masters thesis 1930 University of North Dakota University

2087 Mendoza, Sylvestre Antonio y. Hypotheses in the administration and supervision of teacher training schools and their application in the Philippine Islands Master's thesis, 1930 Colorado state teachers college Greeley 123 p

2088 Merrill, R C The efficacy of special versus general methods courses in a teacher training program Educational administration and supervision, 16 338-44 May 1930

The study, which covered a period of two school years proposed to determine the efficacy of special versus general methods courses in a teacher training program for elementary teachers A control group of 81 was compared with an experimental group of 120 students The results indicate the advantages of the general methods courses as compared with special methods courses for the preparation of elementary teachers

2089 Naegle, Charles Jacob Interpreting the function and service of teacher training institutions to the public Doctor's thesis, 1930 New York university, New York N. Y.

2090 Nellson, N P A curriculum for the professional preparation of physical-education teachers for secondary schools Sacramento, California state printing office 1930 109 p (California state department of education Bulletin no E-1)

This is a suggested teacher training curriculum in standardization of nomenclature and content of courses

2091 Nelson, M. J. An analysis of the two year curricula offered in 30 teacher training institutions Educational administration and supervision, 16 59-62, January 1930

The report indicates the number of two-year curricula offered and the extent to which credit courses in different fields are required in the most common two year curricula

2092 Ogden, George Lee. The relation between major and minor training of Stanford graduates and teaching position held Master's thesis 1930 Stanford university, Stanford University, Calif

2093 Pearson, Daisy E A course in "introduction to education" at Claffin college in New York City Master's thesis 1930 New York university, New York N Y

2094 Peck, W E Training of high school teachers An analysis and evaluation of the prescribed courses in education required for the University of Minnesota certificate in secondary education Doctor's thesis, 1930 University of Minnesota, Minneapolis Minneapolis, University of Minnesota press, 1930 184 p

This study is an analysis of the content of the prescribed courses in education into a check list of topics of treatment, an analysis of treatment given by all instructors for each of the topics and an evaluation of student teachers of the practical value theoretical value and the adequacy of treatment of the topics in the light of their experience as teachers

2095 ——— The training of teachers in North Dakota Bismarck, N D. Department of public instruction, 1930 76 p  
A survey report

2096 Phillips, Frank M Statistics of teachers colleges and normal schools 1927-1928 Washington, United States Government printing office, 1929 71 p (U S Bureau of education Bulletin, 1929, no 14)

Advance sheets from the Biennial survey of education in the United States, 1926-1928

2097 Pittsburgh, Pa. Public schools Department of curriculum study and research Program of studies for H C Frick training school for teachers 1929-1930

2098 ——— ——— ——— A study of teachers' opinions concerning studies taken in training schools. 1929-1930



2009 Ramsay, May A minimum speech training for teacher training institutions Master's thesis, 1929 University of Iowa, Iowa City

2100 Reller, Theodore L. An undergraduate course in public school administration—determination of content Master's thesis, 1930 University of Pennsylvania, Philadelphia. 56 p ms

Undergraduate courses in school administration in teacher training institutions in the United States were studied

2101 Rightsell, Raymond M. A study of the training of general science teachers in the special sciences in a certain state Master's thesis, 1930 University of Cincinnati Cincinnati, Ohio 66 p.

An intensive survey was made of Wisconsin to determine the beyond high school training in the special sciences received by the teachers of general science in the secondary schools and to compare the relative amount of training in each science with the relative amount of space devoted to it by the general science textbooks used, thus determining whether or not the preparation of general science teachers is running parallel to the demands put upon them by the textbooks used. It was found that while the general science teacher of the small high school equals the general science teacher of the large high school in breadth of training there is a lack of depth of training. General science teachers are teaching a wide variety of subjects in addition to general science.

2102 Rodefer, Ralph Alfred Analysis of teachers responses to exercises involving principles of teaching Master's thesis, 1930 University of Chicago, Chicago, Ill

2103 Rugg, Earle U What educational terminology should a beginning teacher know? Educational administration and supervision, 16 187-95 March 1930

Two thousand one hundred and nine concepts including derivatives were found in a study of the educational terms or concepts which are most frequently mentioned in 292 general textbooks in education and a sampling of 11 educational periodicals. The first 101 represent over half of the total. About one-fourth of the total deal with scientific statistical terms about ten per cent are devoted respectively to administration, method, and psychology, and the remainder are general terms. Teacher training institutions should see that at least the more frequent educational concepts are mastered in the pre-service training courses.

2104 Russell, John Dale An experiment with a pre test in the determination of teaching emphasis in a college course in education Educational administration and supervision, 16 53-58 January 1930

The pre-test consisting of some 292 true-false statements was given to a class in school organization during the second semester of 1927-1928. It has since been given to two other groups of students. The pre-test furnished a guide for the distribution of teaching emphasis among the various topics contained in the outline of a new course in education.

\* 2105 Rutledge, Samuel A The development of guiding principles for the administration of teachers colleges and normal schools and the development of administrative practices consistent with these principles Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y. New York city, Teachers College, Columbia university, 1930 107 p (Contributions to education, no 419)

In order to formulate a body of principles for guidance in the administration of teachers colleges and normal schools it was decided to obtain the judgment of 15 men outstanding in each of the following fields: professors of school administration and state commissioners of education; professors of normal school education and state directors of teacher preparation; and presidents of some of the outstanding teachers colleges and normal schools of the country. Thirty-six replies were received. Ninety-six principles for guidance were formulated and validated. The study showed the need for the body of guiding principles formulated and validated as there was a wide range of disagreement found among presidents of teachers colleges and normal schools from 36 states as to the necessity of performing duties deduced from the principles.

2106<sup>\*</sup> Siedle, Theodore Anthony. Present practices in vocational industrial teacher training institutions of granting college credit for trade experience, for teaching experience in trade schools, and for supervisory and administrative experience in vocational education. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. Washington, D. C., Federal board for vocational education, 1930. 52 p. (Federal board for vocational education bulletin no 152)

2107. Stratemeyer, Florence B. A study of units relating to "The Curriculum" to be included in the professional preparation of elementary teachers. Doctor's thesis [1930] Teachers college, Columbia university, New York, N. Y.

The study purposes to review critically the major activities of the elementary teacher in effectively using curriculum materials; to select the activities for which pre-service training might be especially helpful; and to formulate units relating to "The Curriculum" to be included in the professional curriculum for elementary teachers. It reveals a widespread and diversified current practice in the use of curriculum materials with little or no differentiation of activities according to educational purposes or goals to be achieved. It is believed that the study will help to define desirable pupil and teacher activities in use of curriculum materials; suggest specific elements to be included in teachers college curriculum; suggest some elements to be included in a program of in-service training; and point to type of study on the part of the teacher which should result in continuous revision and refinement of "service tools" in use, through use.

2108. Thomas, Earl Davis. The influence of departmental specialization on the attitudes of teachers. Master's thesis, 1930. University of Chicago, Chicago, Ill. 120 p. ms.

A study of the views of high-school teachers on seventeen administrative and supervisory problems in education, the influence of departmentalization, teaching experience, and professional training on these views and their correlation with the views of authorities in the field. Findings: There are significant deviations in the attitudes of the teachers on problems of the curriculum due to departmentalization and the professional training of the teachers. Generally, in the other problems the deviations in attitudes are of little significance. The attitudes expressed, in general reflect mature professional judgment.

2109. Trusler, V. T. A study of entrance requirements of four year teachers colleges and normal schools of the United States. Master's thesis, 1930. University of Kansas, Lawrence.

2110. United States. Federal board for vocational education. Training supervisors of trade and industrial education. Washington, D. C., United States Government printing office, 1929. 12 p.

2111. Wagner, Marie E. Study of student load in a training school for teachers: an analysis of the disposition of the students' time, including home duties, business employment, extracurricular activities, recreation and home preparation for the work carried on in the training school. Master's thesis, 1929. New York university, New York, N. Y. 51 p.

2112. Warner, Pearl E. A study of teacher training in the high schools of Missouri, 1927-1929. Master's thesis, 1929. University of Kansas, Lawrence.

2113. Webb, Jim. The evaluation of professional courses for high-school teachers. Master's thesis, 1930. University of Chicago, Chicago, Ill.

2114. Youngdahl, Rosalie E. High school teacher training departments with a detailed study of the product of a particular department. Master's thesis, 1930. University of Minnesota, Minneapolis.

See also 46, 141, 145, 175, 216, 391, 457, 1417, 1521, 1658, 1700, 2182, 2217, 2364, 2370, 2373, 2409, 2518, 2573, 3433, 3473, 3568, 3903, 4002, 4111, 4129, 4151, 4157, 4206, 4403, 4409.

## NORMAL SCHOOLS

2115 Orata, Pedro T. The Philippine normal school graduates. Manila, P. I., Bureau of education 1930 30 p

An extended and critical analysis of the work being done by Philippine normal school graduates of 1923 to 1929 in the Bureau of education. Findings: Majority of the graduates follow the line of work for which they were prepared and have satisfactory efficiency ratings. There is a need for their systematic placement.

2116 Shaw, Robert W. Some aspects of self insight as found in students of a two year normal school. Doctor's thesis [1930] Teachers college, Columbia university New York, N. Y.

The group studied for this thesis comprised about 270 students largely women entering Maryland state normal school. Students were required to fill out a personal questionnaire which yielded score on awareness of adjustment mechanisms, score on social self confidence as indicated by freedom from self-consciousness. Students were asked to estimate their achievement on a range of academic subjects on entrance at the end of the first six weeks and at the end of the term. Major informational materials to which these self insight scores have been applied are: Intelligence first term grades teaching grades to a criterion group of 25 students of marked ability, 50 average, and 25 of marked self confidence selected through dormitory, advisory, practice teaching and classroom reports. Findings: Choice of scale is important as determining over and under estimate, nature of task has a strong influence on whether the trend of the estimate is over or under. Of the different tests the number underestimating ranged from 25 to 100 and over estimating from 83 to 227. To the degree that one continues from day to day with certain rather constant levels of achievement, one may be expected to display quite similar biases of self evaluation when these particular levels are involved. There is an accuracy of judgment on items dealing with sense of social adequacy which is comparable to accuracy of estimate on academic materials.

2117 Shaw, Ruth C. The output of the territorial (Hawaii) normal school. Master's thesis, 1930 University of Hawaii Honolulu 145 p ms.

A complete study of the normal school covering its history its graduates, and the graduates now teaching.

2118 Sims, Verner Martin. A comparison of normal school students with certain other groups. School and society, 30 68-70, July 12 1929.

A group of 67 women enrolled to the two-year normal course at the Louisiana polytechnic institute in the fall of 1927 were compared with 91 women enrolled in the different four year college courses planned for prospective high school teachers. Conclusions: The normal students are inferior to the college students studied in intelligence in vocabulary, in socio economic status and in English ability. They have parents with less education graduate from smaller high schools and make lower grades in both high school and college than college students within the same institution.

2119 Smith, Ernest Thomas. The graduates of a department of secondary education in a state normal school. Master's thesis, 1930 University of Chicago, Chicago, Ill.

The operation of a three-year course for the training of high school teachers is described and evaluated largely in terms of the life-outcomes of the graduates. Findings: The three year course is a bridge by which college practices come into the normal school, there is evidence of a lessening drift away from teaching and increasing professionalization of education.

2120 Wright, Frank W. The evolution of the normal schools. Elementary school journal, 30: 363-71, January 1930.

See also 23, 276, 1699 1885, 2056, 2085, 2096, 2105, 2109, 2169, 2345, 2674, 3013, 3340, 4152, 4190, 4538.

## TEACHERS COLLEGES

2121 Alford, Thomas. Status of the graduates of the Arkansas state teachers college. Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn. 56 p ms.

2122 Anderson Roy N A study of the Teachers College students who are regularly employed Teachers college record '31 773-77 May 1930

This study was undertaken to find out the number of students attending Teachers College who were holding full time positions while pursuing their academic activities If the sampling is representative of the student body it can be concluded that practically half of the students are holding regular positions while they are pursuing their professional training Of these three-fourths are teachers or at least engaged in the profession of education

2123 Bathurst Effie G A teachers college follow up service—its factors and development in an unsupervised service area Doctor's thesis, 1929 Teachers college Columbia university New York N Y 300 p ms

Conclusions Fifteen teachers colleges report a systematized post graduation service whose chief activity is staff visitation of graduates in the field and point out the values received and the difficulties encountered in such service Four universities and two state departments are attempting a similar work

2124 Baugher Jacob L Certain comparisons of students of teachers colleges and students of liberal arts colleges Doctor's thesis, 1930 Teachers college Columbia university New York N Y

Sophomores juniors and seniors of six four year teachers colleges and of seven four year colleges of liberal arts engaged in preparation of teachers were compared Comparisons were based on two results of a series of 12 original tests four dealing with knowledge general and professional four with applied good judgment and four with attitudes toward general and professional interests Tests were given to 1,216 students and to 110 high school seniors during the spring of 1929 The study revealed a finite difference between arts students and professional students in social and economic background arts students showed a greater percentage of parents in business and professional groups they came in larger numbers from urban centers and averaged about three months older than teachers college group Data indicate the desirability of giving more attention to sociology educational theory and to such questions as the doctrine of transfer in psychology Evidences of immaturity on the part of teachers college students suggest the question as to whether instruction in these institutions is of definitely collegiate grade as that offered in arts colleges

2125 Berk A E (New York state college for teachers Albany N Y) Foreignness in relation to intelligence, scholarship and age of students entering college for teachers 1930

A study of records of over 600 students entering the New York state colleges for teachers showed that foreignness is not a very significant factor in the upper elements of scholarship represented in the study it is of doubtful significance in its effect on mental test scores and it is significantly related to age of entrance to college

2126 Blue H G A study of the electives embodied in the academic and professional training of two-year and four year graduates of Colorado state teachers college 1929 Colorado state teachers college Greeley 146 p

The purpose of this study is to set forth valid facts and conclusions upon which to construct a recommended administrative program involving problems of guidance in the matter of the selection and use of elective courses

2127 Bramblet, Ransom A correlation between the scholastic record of graduates of Indiana state teachers college and their yearly financial success after graduation Master's thesis 1929 Indiana state teachers college Terre Haute 20 p ms

Correlations between the factor scholarship and the financial success of graduates of Indiana state teachers college between the years 1909 and 1926 were studied The degree of financial success was obtained from the graduates their grades were obtained from the college and were grouped in three divisions first major professional and total The study of 430 cases showed the correlation between the grades and salary is not high correlation is lowest between salary and major subject and highest between salary and professional work the factor scholarship is not the factor which draws the salary

\* 2128 Chandler Paul G Some methods of teaching in six representative state teachers colleges of the United States Doctor's thesis 1930 Teachers

college Columbia university New York N Y New York city Teachers college  
Columbia university 1930 149 p\* (Contributions to education no 425)

This study is intended to discover some of the methods of teaching now being used in teachers colleges and to evaluate these methods by the best expert opinions available. The colleges studied were selected because they were considered representative of the better state teachers colleges of the country and because they were rather widely distributed geographically.

2129 Class Edward C Prescription and election in elementary school teacher training curricula in state teachers colleges Doctor's thesis 1930 Teachers college Columbia university New York N Y

The study attempts to trace historically the policies of prescription and election in curricula for training teachers for elementary schools to show trends tendencies and present practices with regard to prescription and election in these curricula to compare these practices in the United States with those in curricula of similar institutions in Germany France and England. Data were secured largely from the catalogues of normal schools and teachers colleges.

2130 Cornell C B and Condit P M Relationship between high school size and scholastic achievement in Colorado state teachers college 1929 Colorado state teachers college Greeley 8 p

2131 Courtis S A Identifying and eliminating the unfit in teachers colleges Nation's schools 4 21 26 September 1929

In February 1928 20 girls were selected from the high school graduates entering the Detroit teachers college and given a test to show their teaching ability. The experiment has been repeated twice and will be repeated each spring and fall until the girls are graduated. The author presents an elimination program which he has found to be practical.

2132 Devricks Robert K Follow up study of class of 1928 of Indiana state teachers college Teachers college journal (Terre Haute Ind.) 1 17 20 September 1929

A study of 304 graduates was made to find out the majors selected the number of graduates teaching one subject and the subject combinations demanded of teachers.

2133 ——— Follow up study of class of 1928-1929 Four year course only Indiana state teachers college Terre Haute 1930 10 p ms

This study considers graduates teaching majors subjects being taught with and without license and the number employed. Findings: Of 316 graduates '63 were employed as teachers 47 elementary '16 secondary 13 per cent were not employed as teachers.

2134 Deyoe G F A study of four year curricula in state teachers colleges Educational administration and supervision 10 203-10 March 1930

Data for a study analyzing comparing and interpreting the practices in the organization of the four year teacher training curricula were secured by an analysis of selected bulletins or catalogues from state teachers colleges in the United States. Findings: 87 institutions in 43 states had one or more four year curricula for teacher training purposes. Four year curricula in these institutions are usually differentiated to prepare specifically for teaching on a given level.

2135 Fisher W Edward A comparison of the professional success of members and non members of the men's societies in the Indiana state teachers college Masters thesis 1929 Indiana state teachers college Terre Haute 64 p ms

Comparisons were made between the member group and the non member group of graduates of the Indiana state teachers college between the years 1909 and 1929 who entered the teaching profession. Comparisons were also made between various societies and non member group and conclusions were based on the relative ranking of the various groups. Measures of professional success were salary publications tenure and type of teaching and amount of training above teachers college. Data indicate that nonmembers had higher earning power before and lower earning power after graduation and that experience tends to increase average yearly salary of good teachers for teaching done before and after graduation but lowers the earning power of poor teachers. Some value may be attributed to membership in a society for graduates entering the teaching profession.

2136 Guiler Walter Scribner Remediation of teachers college freshmen School and society 30 242-44 August 17 1929'

A remediation plan for weak freshmen has been used for the past three years in the School of education of Miami university The program covers the units of learning, in English and arithmetic The three steps of procedure which govern the administration of each unit are preliminary diagnostic testing individualized remedial instruction and retesting Reports on remedial instruction in spelling and punctuation are described After remedial instruction in spelling the group as a whole was raised from tenth grade ability to a level far above that of the average college freshman The gain in punctuation signifies an improvement from ninth grade ability to that of the average college sophomore

2137 Hogan Fred Percy The history of the Fresno state teachers college Masters thesis 1930 Stanford university Stanford University Calif

2138 Hollis E V A personnel study of teachers-college students Journal of educational sociology 3 203-208 December 1929

A study of certain economic and social backgrounds of the 1927 1928 and 1928-1929 student body of the State teachers college at Morehead Ky The composite student of this study is a girl between 18 and 19 years of age single a member of some evangelical church one who has never been more than 300 miles from home and expects to teach in a rural school for a period of two or three years

2139 ——— Why they teach Educational administration and supervision 15 678-84 December 1929

An attempt to get more than 400 freshmen at State teachers college Morehead Ky to recognize classify and evaluate their reasons for going into teaching In a number of cases the study proved that the students were much better fitted for and more interested in other lines of work

2140 Jones J W A tabular and graphic study of the distribution of term grade in the Indiana state teachers college 1929 Indiana state teachers college Terre Haute 49 p ms

2141 King L E Technique of the state teachers college recitation schedule Masters thesis 1930 George Peabody college for teachers Nashville Tenn 64 p ms

2142 Koch John C Survey of four year students in a state teachers college in regard to guidance factors influencing their selection of professors Masters thesis 1929 Bucknell university Lewisburg Pa

2143 Ludeman W W and McAnelly J R Training and experience in teachers college faculties Educational administration and supervision 16 130-34 February 1930

One thousand and sixteen faculty members in 31 teachers colleges scattered over all sections of the United States were studied statistically Findings The central tendency in faculty training is the masters degree The average teaching experience in public school work is higher than college experience There is a longer average experience background in the education and mathematics departments and in the training school than in other divisions Teachers college presidents have been choosing faculty members with equal emphasis on public school experience and on advanced training

2144 Messenger Helen Robinson The probability table a possible means for the elimination of poor students from teachers colleges. DeKalb Ill Northern Illinois state teachers college 1930 84 p (Northern Illinois state teachers college quarterly vol 25 no 3 May 1930)

Bibliography p 79-84

The purpose of this study is to review and to summarize the results of three years testing program carried on at the Northern Illinois state teachers college at DeKalb Ill and from the results of this program to build a fair speedy and simple way to eliminate unpromising students from teachers colleges From this study it is clear that teachers colleges receive poorer students than universities and other colleges the evidence indicates that teachers college faculties give too many grades above the average grades given to poor students are decidedly too high there is a great waste of time and energy both on the part of the students and teachers before the routine effecting elimination accomplishes results A possible solution of this problem is suggested

2145. Reinhardt, Emma. Probable future occupations of freshmen in a teachers college. Doctor's thesis, 1929. University of Illinois, Urbana. Elementary school journal, 30: 200-207, October 1929. (Abstract)

A list of questions was submitted to 409 freshmen in the Eastern Illinois state teachers college in the autumn of 1929 to determine their probable future occupations. Twenty-five per cent of the students expect to make teaching their life work, 45 per cent do not expect to teach for life the balance are undecided. 213 students mentioned 28 occupations in which they expect to engage after they stop teaching. 78 of them expect to be housewives. Lack of money in the principal reason given for taking up teaching instead of occupations that they prefer. Students decided to teach because of interest in the subject they expect to teach desire to earn money to prepare for other occupations like for children need to earn money and desire to use teaching as a stepping-stone to other occupations. Many students were influenced by the fact that a teacher has good social standing and by their parents' wishes.

2146. Rhodes, Earl N. The extent to which graduates from differentiated curricula of teachers colleges teach in their specialized fields. Educational administration and supervision 15: 667-77, December 1929.

Data have been collected from graduates of the State teachers college at Bloomington, Ia. for the years 1914 through 1929 on the number of pupils in their classrooms, length of school year, total salary and grade or subjects to be taught during their first year of teaching after graduation. Information was given relative to the preparation of students for specialized teaching positions and the positions which they occupy. Data indicate a surplus of teachers especially in the primary and intermediate groups, students in specialized fields are teaching in two or three fields outside their specialized preparation; a shortage of rural teachers; etc.

2147. Riley, Martin Luther. Placement positions, and service years of Mississippi state teachers college graduates. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 113 p. ms.

2148. Selby, Frances Parlette. Changes in students' schedules in George Peabody college for teachers. Master's thesis (1930). George Peabody college for teachers, Nashville, Tenn. 62 p. ms.

Findings. Approximately one-fifth of the students enrolled changed programs, the greatest number of changes were made in the fall and summer quarters due to the fact perhaps that these quarters had the largest enrollment. The most significant fact gained from the study was that the greatest number of reasons given by students making changes in schedules represent situations over which the administration of the college could secure control.

2149. Shannon, J. R. Teachers college students' estimates of their own scholastic merit. School and society, 30: 275-78, August 24, 1929.

A class of students in secondary education of Indiana state teachers college during a term recently completed rated themselves and each other. The grades given by the students were compared with those given by the instructor. The data seem to indicate that although the instructor is somewhat less merciful in his estimates than are the students in a large majority of the cases he sees the members of the class as they are seen by other students.

2150. Thompson, Horace R. Origin and development of teachers colleges of Texas. Master's thesis, 1929. New York university, New York. N. Y. 24 p.

2151. Vaughan, Arthur Winn. State teachers college curricula for the development of teachers of English. Doctor's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. Nashville, Tenn., George Peabody college for teachers, 1929. 92 p. (Contributions to education, no. 69.)

This is an investigation of the present practice in the setting of requirements for English majors in 62 state teachers colleges.

2152. White, W. C. A vocational study of the graduates of Moorhead state teachers college. Master's thesis, 1929. University of Minnesota, Minneapolis.

2153. Whitney, Frederick L. and Goodman, Arthur K. The relationship of intelligence and classification test scores to mortality and scholastic ratings 1930. Colorado state teachers college, Greeley. 52 p. ms.

A continuation study of the class of 1931 at Colorado state teachers college.

2154 Zimbar Genevieve Essential elements in a professional curriculum for the preparation of teachers and directors of physical education in a four year teachers college Master's thesis 1930 New York university New York N Y

See also 548-549 850 1108, 1202 1397 1532 1565 1656 1713 1720 2056 2067, 2073 2085 2096 2105 2109 2178 2345 2391 2674 2678 2786 3031 3128 3349 3458 3524 4035 4146 4182 4100 4538

### PRACTICE TEACHING

2155 Chrysostom Sister M. An evaluation of the current plans for the organization of observation and practice teaching Master's thesis 1929 University of Notre Dame Notre Dame Ind 102 p ms

This study is an investigation of the requirements of subject matter and professional training in the elementary schools as prescribed by normal schools and colleges in Michigan and schools in other states. The number of term hours required in all schools reveals a great variability. The proportion of time allotted to professional courses is not as great in the four year schools as in the two year schools. In Michigan the proportion of time allotted to professional courses is less than that required in colleges examined outside of Michigan. Practically all teachers colleges agree on the purpose of student teaching and the activities that compose it. There appears to be a variation as to the amount required. The two types of observation found by the survey are preteaching observation and gradual participation. An analysis of the means whereby training teachers attempt to improve the teaching ability of student teachers reveal three types of activities: observation participation in classroom management group teaching, and class teaching individual and group conferences lesson planning.

2156 Coyle, Justine Activities of and time distribution of activities of student teachers in high school English Master's thesis 1930 Ohio Wesleyan university Delaware, Ohio

2157 Dickinson Vera L. An evaluation of the observation and participation course in the teacher training program Master's thesis 1930 Ohio state university Columbus 113 p ms

Criteria for judging the observation and participation course are based upon modern educational theory. A set of criteria for judging the work in observation is evolved. The author suggests ways in which the course might be made more effective for the training of modern elementary teachers.

2158 Driskill Mattie Lucille An evaluation of plans for directing high school practice teaching Master's thesis [1930] George Peabody college for teachers Nashville Tenn 125 p ms

This study analyzes the various types of plans used by teacher training institutions in the observation and practice teaching course. Sets up standards for evaluation from student teachers viewpoint evaluates the plans by the standards set up. Findings: *The graded exercise and the participation plans are the best.*

2159 Duane F (Miss) An evaluation of practice teaching Doctor's thesis 1930 Fordham university New York, N Y

Findings: More time should be allotted to practice teaching in the preparation of teachers.

2160 Elsea A. F. A study of student teaching Peabody journal of education 7 345-50 March 1930

The purpose of this study was to evaluate a certain type of student or practice teaching in which the cadet was in full charge of the room and did all of the teaching under the direction of the State teachers college of Kirksville Mo. Eight public schools within a radius of 35 miles of Kirksville were chosen for the study. Students regular teachers, school officers and patrons of the communities where the work was conducted endorse the cadet teaching and have accepted it as a strengthening factor in their school systems.



2161 Evans, Howard R. The administration and supervision of practice teaching at Northwestern university. Master's thesis, 1930 Northwestern university, Evanston, Ill.

2162 Frasier, Clark M. Intelligence as a factor in determining student teaching success. Educational administration and supervision, 15: 622-29, November 1929

A comparative study was made of the highest and lowest five per cent groups in intelligence. The first group consisted of 693 students who took the Army alpha intelligence test as part of their entrance examinations at the Lewiston normal school, Lewiston, Idaho, between June 1925 and February 1926. The second group consisted of 406 students who took the Terman mental tests between June 1922 and June 1924. The highest and lowest five per cent for each group were compared. Three other groups of students were studied for a comparison of evidence based on coefficients of correlation. Data indicate that intelligence as measured by standard intelligence tests is not an important factor in determining success in student teaching, that given enough intelligence to graduate from high school, further intelligence has little effect on student teaching success, that success in student teaching is dependent on other factors than intelligence.

2163 Glaeser, John Henry. Supervising student teachers in teacher-training institutions. Master's thesis, 1930 University of Chicago, Chicago, Ill.

An investigation of the supervision of student teachers in normal schools and teachers colleges in the United States. Findings. The aims of training schools are chiefly to provide opportunities for observation of superior teaching practice in lesson planning, an introduction to actual school conditions, experience in teaching, and skill in classroom management; training teachers have not been isolated sufficiently in academic work to meet the scholastic standards for accrediting institutions they serve. Student teachers are generally deficient in academic preparation upon entrance to teaching, only 17 per cent of the teacher training institutions require students to teach from the beginning of their practice period. Student teachers have insufficient opportunity to administer diagnostic and standardized tests in their practice teaching; there is little supervision of graduates after they enter the field. Only beginnings have been made in this practice. Major difficulties encountered by training teachers are the inadequate preparation of student teachers, the immaturity of the student teachers, and student teacher disciplinary problems.

2164 Graves, Marion G. Observation in teacher training institutions. Master's thesis, 1930 New York university, New York, N. Y. 110 p. ms.

2165 Hill, L. B. A plan of directed teaching. Educational administration and supervision, 15: 449-52, September 1929.

The directed teaching course, a five hour course including a study of materials and methods, has been in operation at West Virginia university since 1901. The course is based on the proposition that the most effective learning comes by "learning to do by doing." A class is taken over by four directed teachers and a supervisor. While the student teacher is learning to teach, three others are observing. Responsibility for the progress of the pupils rests upon the supervisor. Classes carried on by the supervisor and his directed pupils parallel classes taught by good or even superior teachers, and compare favorably with them in all reasonable tests.

2166 Irwin, Altee. Improvement of practice teaching by means of supervision. Master's thesis, 1930 Northwestern university, Evanston, Ill.

2167 Klain, Zore. Student teaching. Journal of educational research, 21: 394-401, May 1930.

Gives the results of a questionnaire study made of 131 teacher training institutions regarding student teaching.

2168 McLaughlin, Daniel. A study of effectiveness of practice teachers. 1920 West Virginia university, Morgantown.

2169 Maryland state normal school, Towson. A plan for the closer cooperation of professionalized subject matter and student teaching in a normal school. Educational administration and supervision, 16: 257-58, April 1930.

The plan which was evolved through the united efforts of the faculty of the school and of four affiliated training centers gives the organization as it now operates; main

steps in its development that have led to its present form commensurate with the plan from the point of view of students, faculty, and the authors of the article, problems and questions concerning development in the future.

2170. Mead, A. R. Limited bibliography on laboratory work in preparing teachers. 1929. (Unreproduced and distributed by the Supervisors of student teaching, E. I. F. Williams, secretary, Tiffin, Ohio.)

A third bibliography on observation, participation, student teaching, training schools, etc.

2171. Mead, A. R. and others. Advantages and disadvantages of campus and "off-campus" laboratory schools. Educational administration and supervision, 16: 190-207, March 1930.

A survey was made during 1928-1929 of the existing and needed laboratory school facilities of Ohio Wesleyan University. The possible advantages and disadvantages of the two types of schools were made into a check list which was submitted to nine judges for checking. Data show that the two types of schools are about equal in the number of advantages and that the greater number of disadvantages inhere in the off-campus school. One of the most important services obtained from the laboratory school is the integration of subject matter, theory, and laboratory practice. A campus school with average quality of management will tend to keep theory and subject matter teachers in contact with actual work problems, provide facilities for checking and evaluating their own work, give opportunities for experimentation and research in educational matters, provide an important agency of integration of theory, subject matter, and practice.

2172. Orr, M. L. The administration of the training school and of student teaching. Educational administration and supervision, 10: 147-51, February 1930.

Four general plans of administration of student teaching and of the training school are in operation in 23 teachers colleges, about equally divided as to the size of the student body into large, medium, and small colleges.

2173. Paden, Felicia Mary. Aiding student teachers in the study of children. Master's thesis (1930). George Leabody College for Teachers, Nashville, Tenn. 84 p. ms.

A comparison of two years' study of work of 150 children under 60 student teachers (four nine-weeks terms, 15 student teachers each term).

2174. Palmer, Sara G. A comparative study of the achievement of children in training and non-training schools. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. 40 p. University of Pittsburgh bulletin, 27: 352-53, November 1930. (Abstract.)

2175. Pittenger, Charles Edgar. A study of results of student teaching as compared with the results of the work of the critic teacher in classes of the same grade of work in the high school at Muncie, Ind. Master's thesis, 1929. Indiana University, Bloomington. 71 p. ms.

2176. Rasey, Marie and Lessenger, W. E. Comparison of teaching results of practice teachers and regular teachers. 1930. Detroit Teachers College, Detroit, Mich.

2177. Seamster, Frederick Channing. The achievement of pupils in public and training schools. Master's thesis, 1930. University of Colorado, Boulder. University of Colorado studies, 18: 103-104, December 1930. (Abstract.)

The purpose of this investigation was to determine the relative efficiency of public and training schools as shown by the comparative achievement of pupils attending these schools. Schools in Madison and Watertown, S. D. were used in this study. Data indicate that the public school showed a slight advantage but the similarity in achievement was far greater than the difference.

2178. Sharp, L. A. The use made of the demonstration school by the college teachers of the North Texas State Teachers College. Peabody Journal of Education, 7: 332-36, March 1930.

A study undertaken to discover the extent to which the college teachers use the demonstration school, their interest in using the school, and how the school could be made to

function so as to render the maximum service to the college teachers and their pupils. Data obtained from a questionnaire indicate that more than 82 per cent of those who replied see and feel no need for the demonstration school in giving content courses.

2179 Wagenhorst, L. H. The relation between ratings of student teachers in college and success in first year of teaching. *Educational administration and supervision* 16: 249-53, April 1930.

The city and county superintendents under whose supervision the 1927-1928 graduates of the State teachers college Slippery Rock Pa. taught were asked for confidential information as to the type of work the teachers did during their first year of service in the field. Correlations between practice teaching ratings and ratings for the first year of service were low. Evidence seems to point to the fact that intelligence is an insignificant factor in prognosticating teaching success. The author suggests that the names of those first year graduates who are not doing satisfactory work be sent in three or four months after the opening of school so that they may be visited by members of the training school staff who would give them counsel and help.

2180 Whitney, Frederick Lamson and Frasier, Clark Melville. The relation of intelligence to student teaching success. *Peabody journal of education* 8: 3-6 July 1930.

A study was made of students enrolled in the two year course of Colorado state teachers college who had taken their student teaching in grades 4, 5 and 6. Records of 100 women students of approximately the same age were studied. The study seems to indicate that intelligence tests which are now in use are of little value in predicting student teaching success. There is little relationship between intelligence as measured by the tests used and student teaching success.

2181 Yeuell, Gladstone H. A brief survey of practice teaching, observation and participation in the secondary field of state universities. *High school quarterly*, 17: 184-87, July 1929.

As a result of a questionnaire there was found a great lack of uniformity in practice teaching at state universities. In 34 institutions the number of hours devoted to practice teaching varies from 6 to 180 with the median at 60.

See also 1293, 1672, 2702, 2320, 4127, 4185.

## PROFESSIONAL STATUS OF TEACHERS

2182 Alabama. Department of education. Division of teacher training, certification and elementary education. Reprint annual report, 1929. Montgomery, Ala. 47 p.

Includes teacher personnel data relative to turnover, experience, compensation, training and teacher combinations of Alabama public school teachers.

2183 Anderson, Earl W. Positions for high school teachers. *Educational research bulletin* (Ohio state university), 9: 216-47, April 30, 1930.

This study is based upon reports from high school principals covering the work of three-fourths of all the teachers in the public high schools of Ohio. It brings together information regarding the number of teachers engaged in teaching each of the high school subjects, the experience of teachers in each of these subjects, and the teaching load of the teachers of each subject.

2184 Appleman, C. L. Training, experience, number and combination of subjects taught and salaries of mathematics teachers in non North central high schools of Michigan. Master's thesis, 1930. University of Michigan, Ann Arbor. 41 p. ms.

This study involves 251 public high schools not on the accredited list of the North central association, and 1,670 teachers. Findings: One third of the teachers were teaching mathematics, one-third had no degrees, one-third have had less than 10 hours academic preparation in mathematics, four years was average time teachers remained in system, 51 per cent were teaching one other subject in addition to mathematics, etc.

2185 Arnold, William L. The status of the Kentucky high school teacher. Master's thesis, 1930. Columbia university, New York, N. Y. 68 p. ms.

A study of teacher training, teaching combinations, community relations, personal factors, etc.

2186 Barr A S and Rudisill Mabel Inexperienced teachers who fail— and why Nations schools 5 30-34 February 1930

This study is based on the difficulties met by graduates of the University of Wisconsin during their first and second years of teaching. Data were obtained from a questionnaire sent to graduates of the classes of 1927 and 1928. Difficulties that remained fairly constant for the two year period were conditions of work, motivation, teaching pupils how to study and the organization of work and teaching materials.

2187 Ben F A. Do superintendents advise teachers concerning investments? Nations schools 5 44-46 March 1930

A total of 983 replies were received to a questionnaire sent to 300 school superintendents asking what aid they gave their teachers in the matter of investments. Most of the administrators thought that advice regarding investments should be given by a specialist. 115 superintendents gave some aid to their teachers.

2188 Blom Victor H A study of the teaching personnel of Wyoming county Masters thesis [1930] University of Buffalo Buffalo N Y

2189 Bogue Rolland M The status of social science teachers in the North central association in Michigan Masters thesis 1930 University of Michigan Ann Arbor 77 p ms

An analysis of the status of 638 social science teachers. Factors considered were educational training, distribution in relation to academic majors and minors taught, teaching load, teaching experience and salaries.

2190 Bowden A O The qualifications of the teachers of New Mexico School and society 30 S18-24 December 14 1930

Data were obtained from teachers in New Mexico showing age, length of service, number of grades taught, tenure, preparation, kind of certificate held and professional growth. Findings: There is a great diversity in the types of schools in New Mexico and a corresponding inequality in opportunity for the children of the State.

2191 Brace, David Kingsley Number and qualifications of teachers of physical education. 1930 University of Texas Austin. The Pentathlon September 1929

2192 Breitwieser J V Professors of education 1929 University of North Dakota Grand Forks School of education record, 15 37-42 November 1929

One hundred leading educators are listed as to age, time of beginning college teaching, highest degrees held and school experience. Findings: The professors begin earlier, more of them have doctorates and they specialize earlier than formerly.

2193 Bright, Harold A study of teaching personnel in Clark county Ill Master's thesis 1929 Indiana state teachers college Terre Haute 63 p ms

2194 Brown, Mrs Clifford John A comparative study of the teachers in the public schools of Dallas, Houston and San Antonio Masters thesis 1929 University of Texas Austin.

2195 Burford Mrs Charlotte S Reasons for entering the teaching profession. 1930 Indiana state teachers college Terre Haute 40 p ms

A compilation of answers from 218 questionnaires on why students enter the profession of teaching.

2196 Chapman, H. B The teaching and supervisory personnel in the Baltimore public schools 1929 Department of education Baltimore Md 33 p ms

An investigation of the sources from which Baltimore principals, teachers and supervisors were drawn, their education beyond high school, length of service, pre-election service, professional improvement since election, ages and salaries.

2197 Clark R. C When the teacher is sick American school board journal 80 63 70 June 1930

A study was made of rules relative to sick leave for teachers in the towns and cities of Connecticut where it was found that the practices vary.

2198. Combs, William W. A study of the high school English teacher in Mississippi Master's thesis, 1929 Teachers college, Columbia university, New York, N Y. 92 p ms

2199 Cowden, Sudie E. A descriptive study of the work of helping teachers. Master's thesis, 1930 New York university, New York, N Y.

2200 Cox, W. W and Soper, Wayne W Study of the high school teacher in New York State State department of education, Albany N Y Albany, University of the State of New York press, 1930

A study of training experience and salary of high school teachers for various sizes of communities Majors and minors are compared with subjects taught

2201 Craig, Noel Edwin Absences of teachers in the secondary schools of Detroit Master's thesis 1930 University of Chicago, Chicago, Ill

2202 Cuer, Howard A A study of the experience training, tenure, and salaries of 175 superintendents of schools in third class cities of Kansas, 1929-1930 Master's thesis, 1930 University of Kansas, Lawrence

2203 Douglas, Helen M Comparison of qualifications of regular teachers with art education teachers Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 300 p ms

The qualifications of art teachers and other teachers of city schools of the South were studied Findings Experience but no degree is required for elementary teachers Bachelor's degree and experience is required for junior and senior high schools Salaries are the same for art teachers as other teachers

2204 Falk, Rollin M. Provisions for professional gatherings in universities and colleges Educational research record (University of Nebraska), 2:32-44, October 1929

Ninety-seven replies to a questionnaire were received from state universities and colleges all over the United States giving data on professional gatherings and provisions for them There is a trend in favor of the general professional meeting All of the ordinary expenses of attending the meetings are usually provided

2205 Gentry, C. B. Survey of Connecticut natural science teachers, 1929-1930 Connecticut agricultural college, Storrs 39 p ms

Questionnaires were sent to all teachers of natural sciences in high schools (280) 182 replies were received, showing combinations of subjects taught, extracurricular duties of science teachers science texts and reference books used

2206 Haggerty, Melvin E. A suggested faculty personnel record form, 1930. University of Minnesota, Minneapolis. 4 p

Replies were received from 265 colleges and universities in the North central association, giving personnel data which are usually recorded and filed. On the basis of these replies a suggested form of faculty personnel record was constructed

2207 Higley, Carl A. A study of commercial teachers' agencies Master's thesis, 1930 Ohio state university, Columbus 62 p ms

Covers the origin and development of teachers' agencies in this country, their methods of operation and the extent of their service Findings The first such agency was founded in 1846 and there are now 170 of them distributed throughout all the states but 11 They enroll over 250 000 teachers and place one-eighth of this number annually. In other words they fill about one-sixth of all vacancies occurring.

2208 Huffaker, C L and Kneeland, Katherine P. The elementary school teacher of Oregon Eugene, Oreg. University of Oregon, 1929 p 21-40 (University of Oregon publications, Education series, vol. 2, no 2)

Data are given concerning the salary, training, experience, and turnover of teachers in the elementary schools of Oregon

2209 Jaggard, Guy Hathaway. The cost of living of teachers in 62 Kansas communities Master's thesis, 1929 University of Kansas, Lawrence.

2210 Johnson, C. L. A study of the social status, experience, training, teaching load, and salaries of high school teachers of New Jersey Master's thesis, 1930 University of Minnesota, Minneapolis

2211 Jones Grady E. A study of the high school mathematics teachers of Louisiana Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 75 p ms

Findings 93 per cent of the teachers hold degrees two-thirds of them majored or minored in mathematics science and social science combined most frequently with mathematics as teaching combinations.

2212 Kemp Wallace R. What do teachers personnel records indicate? Master's thesis 1930 University of Michigan Ann Arbor 94 p ms.

An analysis of teaching personnel in Hamtramck Mich. public schools Findings The median age of teachers is 31 1/2 years 64 per cent received training in institutions of higher learning outside of the State 96 per cent were new to the system and had no previous experience The teachers have had an average of 15 years of formal education six years more than their parents Major reasons given by teachers for choosing teaching as a vocation are enjoyment livelihood interest prestige growth training and long vacations

2213 Kuykendall Benjamin Jr A study of the commercial English mathematics and science teachers in the State of Pennsylvania Master's thesis 1930 New York university New York, N Y 83 p ms

A study of educational qualifications training experience salary turnover certificates and subject combinations of teachers in Pennsylvania

2214 Lefever Ruth Barnhizer The status of the married women teachers in the elementary schools of Los Angeles county Master's thesis 1930 University of Southern California Los Angeles ms.

2215 Leger Frank W The status of the teachers of manual arts as determined by training experience tenure salary teaching load and subject combination in towns and cities in Nebraska of less than 10,000 population Master's thesis 1929 University of Nebraska Lincoln Educational research record (University of Nebraska) 2 184-94 April 1930 (1b tract)

A list of teachers of manual arts was obtained from the directories in the State superintendent's office for the years 1917 1918 1919 1920 1921 1922 1923 1924 1925 and 1926 1927 These lists were checked to find certain trends

2216 Long Beach Calif Public schools. Department of research Vacation report for 1929 5 p ms

A report on the summer vacation activities of the 1076 teachers principals and supervisors of the Long Beach city schools Of this number 22 per cent attended school and 21 per cent travelled.

2217 Lynn Joseph Victor A study of certain standards and practices in Iowa concerning teachers of industrial arts in general schools vocational trade teachers in day and evening schools and practical shop teachers in continuation part time schools Master's thesis 1930 Pennsylvania state college State College 39 p ms

A study of the number and variety of subjects teaching load, mobility and tenure of positions scholastic preparation financial compensation informal professional growth and teacher training, curriculum.

2218 Newton Mrs Meda Buskirk. Status of married women teachers in Kansas. Master's thesis 1930 University of Wichita Wichita Kans 53 p ms

2219 Pickett, Julia. The social status of educators in San Diego Master's thesis, 1930 University of Southern California Los Angeles ms

2220 Planzke O H Report of the committee on teacher welfare in rural schools Wisconsin teachers association 1930 (Printed)

2221 Robinson H G Comparison of efficacy of married and unmarried teachers. 1930 West Virginia university Morgantown

2222 Sebring May Health expenditures of public school teachers as a factor in salary schedules. Master's thesis 1930 University of California Berkeley 86 p ms

Findings Factors within the teaching profession which seem to be largely responsible for the amount teachers as individuals spend for health are length of experience

teaching load and teachers salary Teacher health risks should be reduced by proper adjustment of teacher load and teachers salary not alone for the sake of the individual teacher but because of the far-reaching effect of teachers health upon the boys and girls entrusted to their care

2223 Shannon J R. The influence of geographical location of teacher training institutions on the personnel of high school teachers Educational administration and supervision 1: 693-97 December 1930

Data for this study were taken from the reports of high school principals of Indiana to the State department of public instruction for the school year 1927-1928 Teachers included in the study were reported to be graduates of 37 different colleges or normal schools The coefficient of correlation between years of experience and miles traveled is very slight and shows that teachers who drift into the profession because of the circumstance of geographical location of teacher institutions are no less sincere or competent than those coming from greater distances

2224 Smith Jeff Frank. A comparison of the high school teachers of Kentucky and Tennessee as to their qualifications experience and salaries Master's thesis 1930 University of Chicago Chicago Ill

2225 Thayer Harry Coulter Status of teachers in Wisconsin part time schools of cities under 100 000 population Master's thesis 1930 University of Wisconsin Madison

2226 Utterback Carl Perry An investigation of living costs for teachers in Colorado Master's thesis 1930 University of Denver Denver, Colo 61 p ms

Deals with an investigation carried out with the cooperation of the Colorado education association The cost of living for teachers is one factor in the problem of state aid for schools which is being studied in Colorado by the Educational finance committee of the Colorado education association and the director of Dr Paul R. Mort

2227 Wahlquist John Thomas. A study of the social economic, professional and legal status of the junior college teacher Doctor's thesis 1930 University of Cincinnati Cincinnati Ohio 341 p ms

2228 Welborn E L What are the causes for the decline in enrollment on elementary teacher training curricula? Teachers college journal (Terre Haute Ind) 1 129-31 May 1930

Replies to a questionnaire received from 73 two year students and 5 four year students show that the chief cause of the drift away from elementary teaching is the generally unfavorable position of the elementary teacher as compared with the high school teacher

2229 Welsh James W A brief history of the union movement among teachers in the public school of the United States. Master's thesis, 1930 University of Michigan Ann Arbor 141 p ms

A study to show concisely accurately and in an unbiased manner the causes growth, and significance of the unionization among teachers employed in the public elementary and secondary schools of the United States Findings The period for forming teachers unions was from 1902 to 1916 the union in San Antonio was among the first (1902) From 1902 to 1916 20 organizations in 10 states affiliated with the American federation of teachers

2230 Wilson Robert B Training salary tenure experience, and subject combinations of the science teacher in the accredited public non North central high schools of Michigan 1929-1930 Master's thesis 1930 University of Michigan Ann Arbor 45 p ms

Findings Little relation was found to exist between training and salary tenure and salary and between training and tenure

See also 4000 4063 4217 4242 4411.

#### APPOINTMENT AND TENURE

2231. Alabama education association Teacher tenure in Alabama's elementary and secondary schools Alabama school journal 47 10 12 28 30 February 1930

2232. Breckenridge Elizabeth. Value of high school grades and intelligence test scores in the selection of prospective teachers. Master's thesis 1930 New York university New York, N Y

\* 2233 Brogan Whit. The work of placement offices in teacher training institutions. Doctor's thesis 1930 Teachers college Columbia university, New York N Y New York city Teachers college Columbia university, 1930 97 p (Contributions to education no 434)

Data were collected from 60 state supported teacher training institutions 71 superintendents of schools 25 teachers college presidents and normal school principals and 91 placement office directors. Policies for administration of placement office generally approved by persons assisting in the study were formulation of standards of eligibility establishment of registration routine with required registration of all eligible students free placement service a placement office responsible for professional history of alumni and maintaining reciprocal service with those of different training institutions

2234 Clement Evelyn A. Placement of new teachers in California 1929-1930. State department of education Sacramento Calif California schools 1 178-82 July 1930

2235 Coatsney E C. The legal dismissal of teachers. American school board journal 80 52-53, April 1930

Shows the numerous causes and conditions under which teachers may be dismissed from their positions when they are under contract to teach and also shows some of the holdings which the courts have held as causes for terminating teachers' contracts

2236 Dean Renwick Galbraith. Forms of contracts for teachers. University of Pittsburgh school of education journal 5 52-57 December 1929

Forms of contracts were gathered from every available source. Sample forms were received from 42 different states. Several foreign countries described the legal agreement entered into with teachers. State school codes were studied and court cases examined. On these bases the author proposed a form of contract which is included in the article

2237 Franklin Ray. What superintendents ask applying teachers. Analysis of application and reference blanks. American school board journal 80 51 142 April 1930

Application blanks in use in 44 of the largest cities of the United States were analyzed in this study and suggestions were given for the preparation of blanks which would contain only relevant material

2238 Gwydir Leona O Connor. Placement and follow up service in a teacher training institution. Master's thesis 1929 New York university New York N Y 60 p ms

2239 Haig R J. Teacher turnover in South Dakota. Master's thesis 1930 University of Minnesota Minneapolis

2240 Holmstedt Raleigh W. A study of the effects of the New Jersey teacher tenure law. Doctor's thesis 1930 Teachers college Columbia university New York N Y

Data on dismissals teacher turnover salary schedules and administrative policies due to tenure were secured by questionnaire from 79 New Jersey school systems with staffs of less than 850 teachers. Similar data were secured from Connecticut. Information on teaching experience transiency and efforts to improve professional service was secured by questionnaire from 1716 teachers in New Jersey and 1681 teachers in Connecticut. The investigation shows no evidence that teacher tenure decreases total amount of dismissal any effect of tenure to decrease turnover has been balanced by other factors. No general tendency was found for teachers to decrease their efforts to improve professionally. Teacher tenure tends to make boards of education more reluctant to employ local persons as teachers. Elimination of unjust dismissal and protection against political and social attacks are chief values of tenure law

2241 Johns W B. The value of the photograph in the selection of teachers. Master's thesis 1929 University of Nebraska Lincoln 48 p ms Published



with D A Worcester in *Journal of applied psychology* 14 54-62 February 1930

Sets of photographs of teachers were sent to a number of representative men and women engaged in hiring teachers to discover whether the photographs had any value in determining their choice. Replies were received from 149 judges with about 3500 separate estimates. Conclusions: There is little if any value in a photograph as a means of furnishing information about ability to teach.

2242 Johnson Baldo R. The hiring of teachers in the small school systems. *American school board journal* 70 59-60 127-28 130 November 1929

Answers to a questionnaire were received from 219 superintendents of schools of less than 5000 population in Minnesota. This article describes the actual practice of teacher hiring as carried on in Minnesota.

2243 Lamb Earl M. Tenure and turnover of public school superintendents in cities of 2500 and over. Master's thesis 1930 University of Iowa Iowa City 82 p ms

A study of tenure and turnover of public school superintendents since 1900 including all superintendents who were in service in 1900.

2244 Lee John S. The legal situation regarding the dismissal of teachers and other school officials as determined by law and court cases. Master's thesis, 1930 College of the City of New York New York N Y 55 p ms

A survey of statutory causes, provisions, procedures, etc. of dismissal with reference to prominent court cases.

2245 McCarroll Elizabeth. A suggested program for cooperative research to aid in the promotion of a central bureau of teacher placement in Ohio 1929 Ohio state university, Columbus

Traces the development of teacher placement from individual placement to centralized bureaus for teacher placement. Offers a program of research and suggests two problems: one on teacher testing and another on an activity analysis of an appointment office.

2246 ——— and McCloud Margaret. Teacher placement by state agencies. *Educational research bulletin* (Ohio state university) 9 247-50 April 30 1930

Gives a summary of the types of service given toward the placing of teachers by the various state departments of education and the state teachers associations.

2247 Maddock W E. Tenure and salaries of Montana school administrators. *National schools*, 6 53-57 August 1930

2248 Moritz R. D. Report of the department of educational service of the University of Nebraska. *Educational research record* (University of Nebraska) 2 49-66 December 1929

This article describes the work of the Bureau of educational service in helping people trained in the University of Nebraska in securing teaching positions and in assisting prospective employers in selecting the best trained teachers available. Data were secured from the records of the office.

2249 Moriwaki Ethel. Note on the comparative validities of judgments of intelligence based on photographs and on interviews. *Journal of applied psychology* 13 630-31 December 1929

A study was made of seven men and eight women students of the Territorial normal school Honolulu based on photographs and personal interviews. It was found that judgments of intelligence based on photographs are definitely though slightly better than chance while judgments based on interviews are noticeably better.

2250 Nelson M J. The placement bureau 1930 Iowa state teachers college Cedar Falls 7 p ms (Research report no 3)

Of 1363 persons enrolled with the placement bureau 272 were placed. The combination of subjects called for is sometimes such that even though the student may have taken the proper major and minor he will have failed to prepare in another subject to be taught. Information is given in this report concerning the subject combinations for which there is a demand.

2251 Patterson John Raymond Tenure and post service status of superintendents of schools in cities 3 000 to 30 000 population census of 1930 period 1900 to 1928 Doctor's thesis 1929 New York university New York N Y 163 p

2252 Rice John P The selection of teachers by the nonprofessional school official American school board journal 79 47-48 August 1929

A questionnaire containing factors considered in selecting teachers was sent to township trustees of Indiana and to school board members in Illinois 197 returns were received from trustees and 101 from school board members All school officials look for practically the same characteristics in selecting teachers but the importance assigned the various factors differs with the particular official

2253 Sharp Edward Preston Legal issues in the dismissal of teachers Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh school of education journal 5 194-37 June 1930 (Abstract)

This study takes up the importance of the contract in the dismissal of teachers the legal statutes in the various states regarding the dismissal of teachers the use of the discretionary power of school boards in the various states the legal status of the teacher and the inherent rights of the teacher

2254 Sobey Christel Lorene A Teacher tenure and turnover in the high schools of Los Angeles county from September 1923 to September 1928 inclusive Master's thesis, 1930 University of Southern California Los Angeles ms

2255 Stevenson Fred G Study of forms used in making contracts with public school teachers Elementary school journal 30 525-32 March 1930

Methods used by 462 public school systems in making contracts with teachers were studied Forty-two cities employing nearly one third of the total number of teachers employed by all the school systems use no written or printed form of contract in employing teachers Some school systems use an informal letter offering a position and requiring an informal letter of acceptance to complete the contract others require a legalistic two party agreement form of contract There is little standardization of contract forms except as required by statute in a very few states

2256 Sturtevant Sarah M Strang Ruth and Hooton, Mary Turnover among deans of women Personnel journal 8 384-92 April 1930

A study was made of the turnover rate of deans of women in 374 liberal arts colleges and universities and in 128 normal schools and teachers colleges Data secured are useful in estimating the probable number of positions available to qualified deans and in suggesting some of the factors related to turnover in this vocation

2257 Weldemann C C A new type letter of recommendation for teachers Educational research record (University of Nebraska) 2 07-71 74-93 December 1929

A study was made of the content of 1 250 letters of recommendation written for teachers Findings The present method of writing letters of recommendation lacks any degree of standardization

2258 White G A Teachers contracts in the State of Iowa Masters thesis 1930 University of Minnesota Minneapolis

See also 89 2147

#### CERTIFICATION OF TEACHERS

2259 Bollinger Roy Arthur Trends in state requirements for the certification of teachers supervisors and administrators Masters thesis 1930 University of Southern California Los Angeles ms

2260 East H. E. A plan for certification of teachers in Ohio Master's thesis 1930 Ohio state university Columbus 50 p ms

This is a study of certification procedure in the United States Questionnaires were sent to all state departments of education and to 400 scattered county superintendents. A definite trend toward state control of certification and greater specialization of certification was found.

2261 Kinder J S Requirements for secondary school teaching certificates in the case of persons without teaching experience School review 38 110-14 January 1930

A questionnaire was sent to the office of the state department of education in each of the 48 states in an attempt to bring together current practices as regards certification of teachers upon completion of college for high school teaching The amount of professional work required varies considerably from state to state the range is from 0 to 24 semester hours All states allow credit for practice teaching although it may not be required Twenty seven states have some type of subject requirement for certification to teach a certain subject

2262 Leake James Donald The certification of high school teachers in the United States Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 84-85 December 1930 (AJ 11141)

This study of certification requirements for high school teachers in the United States has for its purpose the following to study the various agencies of certifying authority showing the tendency of centralization within the state department of education to tabulate the requirements made by the states for high school certificates to evaluate the present tendencies and make suggestions for a more uniform method of certification for teachers by establishing uniform standards

2263 Minnesota State department of education Laws and rules governing certification of teachers administrators and supervisors St Paul 1929 10 p

2264 North Carolina State department of public instruction Division of finance and statistics Number and certification of white teachers 1929-1930 1930 Raleigh N C

2265 ———— Scholarship of white teachers new to individual counties 1929-1930 1930 Raleigh N C

Gives the type of certificate held by white teachers who are new to individual counties

2266 Nugent M E The certification of teachers in North Dakota Doctor's thesis 1930 University of North Dakota University 181 p

2267 Overstreet, John William Certification of Mississippi high school teachers Master's thesis 1930 George Peabody college for teachers Nashville Tenn 79 p ms

This study gives a history of certification in Mississippi a survey of the present situation and a comparison of Mississippi with a group of selected states Findings Mississippi has made steady progress in her certification requirements but is not quite up to the standards of the more progressive states She should revise her certification laws and centralize issuing agencies

2268 Patterson Maude Anna The certification of art supervisors and teachers in the United States Master's thesis 1930 University of Southern California Los Angeles ms

2269 Peyton Warren History of certification in Kentucky Frankfort Ky State department of education 1929 22 p

2270 San Francisco Calif Public schools Department of educational research and service Certification and training of San Francisco teachers—facts concerning enrollment 1930 4 p (Bulletin no 12)

2271 Seymour Harriet The certification of teachers in Kansas Master's thesis 1930 University of Kansas Lawrence

2272 Smith, Cassie Lina A study of certification of home economics teachers in the South Master's thesis 1929 George Peabody college for teachers Nashville Tenn 88 p ms

2273 Switzer Edna The trend in the certification of secondary school teachers in the United States Master's thesis 1930 Washington university St Louis Mo

\* 2274. Tewksbury, Mary Adeline Certification of public school teachers in the United States Master's thesis, 1930 University of Washington, Seattle

2275. Texas State department of education Laws rules and regulations governing teachers' certificates Austin, Texas 1930 18 p (Bulletin, vol. 6, no 1, No 267)

See also 13, 1915 2066, 2091 2213, 3010

#### IMPROVEMENT OF TEACHERS IN SERVICE

2276 Bechtel, Helen W. An attempt to improve lesson planning for teachers in service Educational method 9. 513-53 June 1930

2277 Beeson, Marvin F. Extension courses as a means of improving teachers in service National league of teachers associations bulletin, November 1929 3 p

The article discusses advantages of extension courses for teachers and describes the work of the cooperative extension courses for teachers in Colorado conducted by the University of Colorado Colorado state teachers college, and Western state college of Colorado, as well as the nature of the work done at the school for public health and social hygiene in Richmond Va., by the College of William and Mary

2278. Bixler, Lorin E County teachers' institute and teachers' meetings in Ohio 1930 Ohio state university, Columbus

2279 Chapman, H B Faculty and departmental meetings in secondary schools August 1, 1929 In Baltimore, Md, Department of education 100th annual report of the Baltimore board of school commissioners 1928-1929 p 66-73

An investigation of the principal topics considered including the title of papers read and studies reported addresses to faculty members by speakers not on the faculty, and a discussion of various results from such meetings

\* 2280 DeLong, Leo Ray City school institutes in Pennsylvania a study of the development and administration of the program of in-service education of teachers, with proposals for improved state control and local administration. Doctor's thesis, 1930 Columbia university, New York, N Y Camp Hill Pa., Lillies Dee educational publishers 1930 147 p

City school institutes were studied under the headings of legal basis and development of city school institutes, development of approved equivalent types of teacher training in-service, evaluation of city institutes by superintendents and teachers, personnel and programs of city school institutes, financing of city school institutes, need for a reconsideration of the standards of state control and local administration Conclusions There is need for a critical professional study of the field for in-service and pre-service education of teachers, and for changes in local administration and state control

2281 Edeburn Ralph Study to determine the preparation of the teachers in service and teachers in training as related to the teaching of elementary science Master's thesis 1930 Cornell university, Ithaca, N Y 60 p ms Nature almanac, 1930 129-31

An examination was made of the records of 1700 rural New York teachers in service and 78 science teachers in different teacher training institutions Findings in general teachers in training are receiving a better preparation in the field of science education than seems to have been the practice of the 1700 teachers in service examined Teachers in service are reported to have had less training to teach science or nature study than to teach language reading arithmetic spelling and geography

2282 Evers, Catherine Improvement of teachers in service Doctor's thesis 1930 Fordham university, New York, N Y

2283 Folger, Ruth A. Improvement of art teachers in service Master's thesis, 1929 Teachers college, Columbia university, New York N Y 58 p. ms

2284 Gold, Charles Earl Teachers' meetings with special references to practices in South Dakota Master's thesis, 1930 University of South Dakota, Vermillion 43 p ms

2285 Hoffman M David The status of voluntary teachers associations in cities of 100 000 population or over Doctor's thesis, 1929 University of Pennsylvania Philadelphia 138 p ms

This study is based on data received from 176 associations in 57 cities General information is presented regarding the associations such as size and character of membership number of meetings per year dues etc

2286 Jagers R E Organizing teachers' meetings in county school systems Nation's schools 4 21 24 October 1929

A study was made of teachers' meetings in 50 unselected counties from all parts of the state of Kentucky Three different types of organization are described in this article in order to illustrate desirable practices

2287 Jenkins A O (Naples N Y) Sabbatical leave of absence in secondary schools [1930]

Thirty seven cities in the United States reported a plan of sabbatical leave

2288 Kissell Charles A Practices and extent to which these practices are used in the induction of teachers to service in high schools of less than 200 students Master's thesis 1930 Pennsylvania state college State College

This is a study of 300 high schools in Pennsylvania of the first class of less than 200 students The principal is the chief source of information concerning the keeping of records the marking system and time to be at work in the morning The teachers class programs are subjects generally discussed at conferences and teachers meetings

2289 Littlejohn William F Sabbatical leave in the public school system of the District of Columbia 1930 United States Bureau of efficiency, Washington, D C 15 p ms

2290 Long, Virgil Lewis The recognition of teacher travel by boards of education in selected school systems of Nebraska and the United States Master's thesis 1929 University of Nebraska, Lincoln 100 p ms

A study of the trend and extent of recognition of teacher travel by boards of education The evidence as gathered in the study does not justify any final conclusions Opinions based upon mature judgment and experience together with common practice as presented in this study constitute the best guide on the subject to date This phase of in-service training for teachers is comparatively new and what has been done in regard to the recognition of teacher travel is hardly a safe criterion to follow It will doubtless take some time with much experimenting to decide upon a method of recognition which is sane to follow

2291 Miller, William Allen A history of the Illinois state teachers' association since 1912 Master's thesis 1930 University of Chicago Chicago Ill 100 p ms

The principal subjects discussed are the bureau of research the secretaryship legislative program and activities the annual meeting and the Illinois teacher which is the official publication Points of difference between the state association and the local divisions are given

2292 Newman, Ross B Training teachers in service to deal with pupils with less than average ability in spelling Master's thesis, 1930 University of Iowa, Iowa City 65 p ms

2293 Reynolds, Annie Report of the cooperative study of teachers' meetings In U S Bureau of education Certain phases of rural school supervision Washington United States Government printing office 1929 p 31-36 (Bulletin 1929 no 28)

This article gives the results of a questionnaire sent out to obtain information concerning organization characteristic program activities supplementary measures, and time distribution of teachers meetings

2294 Russell, Charles Westfield conferences for young teachers Elementary school journal 30 176-88, November 1929, 236-65 December 1929

Describes the conferences held by the Massachusetts state normal school at Westfield as a result of which teachers get a better insight into conditions under which their students have to teach and can note problems which might have been avoided had teach

ing been different. Public school officers have come to realize problems confronting normal schools and have been able to help in their solution. The conferences give the graduates some appreciation of their success and send them back to school with greater confidence in their abilities. The substitute teachers return to school with a new understanding of the problems of the teacher who is wholly dependent on herself.

2295 Shipman Wayne Chr. Sabbatical leave in public schools of Massachusetts. Boston Massachusetts teachers federation 1929.

2296 Smith Ralph Hewett. A study of the value of the Stanford achievement tests in the improvement of teachers in service. Master's thesis 1929. University of Kansas Lawrence.

2297 Thompson J L. Professional growth of teachers in the system. 1930. Public schools Newburgh N Y. 2 p ms.

2298 Wenger Paul G. The status of teachers meetings in city and exempted village senior and junior high schools in Ohio. Master's thesis 1930. Ohio state university Columbus. 125 p ms.

This is a collection organization and summarization of data relative to practices in teachers meetings and to the preferences of teachers in regard to meetings. Findings: Teachers prefer teachers meetings that lead to professional improvement. Approximately 75 per cent of the teachers reporting gave the following reasons for unsuccessful teachers meetings: no definite objectives of meetings and topics discussed are not of interest and value to all teachers. On the basis of data received it is suggested that teachers be given more voice in planning the whole teachers meeting program and that matters of administrative routine be taken care of by bulletins as far as possible.

2299 Wood Lloyd K. A study of the costs and estimated value of teachers institutes in California. Master's thesis 1930. University of California Berkeley. 61 p ms.

Findings: The California teachers institute system is costing the people of the State a great deal of money. It includes many features of questionable value but it has had great professional significance in the past and its present benefits should not be overlooked. The work of perpetuating its valuable features and of substituting others for its valueless features is one which may well call for the most able efforts of the profession.

2300 Zimmerli Margaret E. Professional improvement of secondary school teachers through travel. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27. 414 15. November 1930. (Abstract).

See also 2123 2238 2833 4598

#### RATING OF TEACHERS AND PROGNOSTIC TESTS

2301. Aberdeen S D. Public schools. Tentative teacher rating handbook. [1930]. 19 p ms.

This report is the result of the work of the local council of the National education association. It is the outgrowth of requests for a more objective and comprehensive system of teacher rating in Aberdeen. The report and forms are not to be considered complete or final. The rating sheet is divided into five parts as follows: personal characteristics, professional qualities, classroom management, instructional skill or technique in teaching, and results with children.

2302. Adams Edwin W. A qualitative analysis of certain teaching traits. A study of the problem of measuring the efficiency of student teachers engaged in practice teaching. Philadelphia Pa. Temple university 1930. 98 p.

2303. Albreast Matilda. Methods used to evaluate instruction. Master's thesis, 1930. George Peabody college for teachers Nashville Tenn. 90 p ms.

A study was made of 19 methods used to evaluate instruction and of 37 school surveys. Findings: The material studied on the methods that have been used to evaluate instruction indicates that educators are very much interested in finding some objective method of rating teaching but they do not agree as to the method of procedure. The

2324. Mead, A. R. Qualities of merit in good and poor teachers. *Journal of educational research*, 20 230-59, November 1929

Reprinted 23 p

A history of the studies that have been made of the rating of teachers shows a gradual progression away from subjective undefined procedures and data towards more objective more experimental more scientific procedures, and exact results. It is concluded from this study that there is a tendency to judge personal qualities as of higher value than other types of qualities.

2325 Odenweller, Arthur Leonard. The predictive value of certain traits for effectiveness in teaching. Doctor's thesis 1930 Teachers college Columbia university, New York, N. Y.

An intensive study was made of 560 teachers of Cleveland in 25 traits. Data were treated statistically. Various types of relationship as used in this study are more reliable than intelligence tests. Since the methods used are relatively reliable, convenient, and a speedy means of measuring traits of teachers in service they may have value for rating traits of prospective teachers.

2326 Osborne, Roxie Ellen. A study of rating cards for student teachers. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 92 p ms.

2327 Peterson, Oda K. and Cook, William A. Score cards and rating sheets in teacher training. *Educational method*, 9 322-30, March 1930.

The returns to a questionnaire received from 173 teachers' colleges, state normal schools, city normal schools, and colleges and universities during 1928, indicate that colleges and universities not primarily for the training of teachers depend less upon supervisory devices than do normal schools and teachers colleges. 148 of the schools answering the questionnaire use a rating scale to estimate general efficiency in student teaching. Supervisory and rating devices are used more generally and more scientifically in training teachers than on teachers in service.

2328 Reitz, William. Intelligence of teachers. Doctor's thesis, 1930. University of Wisconsin, Madison. 207 p ms.

A study of about 4,000 measures of intelligence pertaining to prospective and experienced kindergarten, elementary, intermediate, and high-school teachers of Detroit. The measures of intelligence are related to certain training factors: supervisory efficiency ratings over an average period of four years of service and miscellaneous factors pertaining to teachers such as age, place of birth, sex, marital status, academic degrees held, years of substituting, years of leave of absence, salary, semester hours of education, and resignation. Further comparisons are made of intelligence level of experienced teachers.

2329 Remmers, H. H. To what extent do grades influence student ratings of instructors? *Journal of educational research*, 21 314-16, April 1930.

Correlation of grades against student ratings for 409 students under 11 different instructors in 17 different classes varying widely in subject matter gives correlations for individual traits of individual instructors varying from - .800 to + .800. The conclusion is reached that for the average instructor and the average student there is practically no relationship between the student's grades and his judgment of the instructor as recorded on the Purdue rating scale for instructors.

2330 Risser, J. Ray. Some of the qualities of a teacher which are predictive of administrative success. Master's thesis, 1929. University of Southern California, Los Angeles. 106 p ms. National education association. Department of secondary school principals bulletin, 34:10-21, January 1931. (Abstract)

The problem of this thesis was to determine those factors significant for selection of successful administrators from successful teachers. In attempting to solve this problem three techniques were used, historical research, personal interviews, and the question police method. Questionnaires were sent to 210 teachers and to 220 superintendents, principals of senior and of junior high schools and of elementary schools.

2331 Taylor, Howard Rice. Teacher influence on class achievement. A study of the relationship of estimated teaching ability to pupil achievement in

reading and arithmetic Genetic psychology monographs 7 81 175 February 1930

A study of differences in class achievement in arithmetic and reading within each of grades 4-8 inclusive for nine different schools in a medium sized city Five semi independent estimates were made of the general effectiveness of the teachers who were responsible for class instruction in the various grades of each school during the semester in which the achievements of the pupils were measured

2332 Torgerson T L The measurement of teaching ability Doctor's thesis, 1930 University of Wisconsin Madison 680 p ms

A diagnostic teacher rating scale consisting of an objective measure of teacher and pupil activities and a professional information test for elementary teachers was constructed and validated using gain in pupil achievement as a major criterion and supervisory rankings as a minor criterion of teaching success

2333 Tyler R W Evaluating the importance of teachers activities Educational administration and supervision 16 287 92 April 1930

Ratings on the importance of the teaching activities were obtained from professors of education in connection with the Commonwealth study on teacher training Ratings made by supervisors of practice teaching and instructors of special methods were kept separate from the ratings made by professors of educational theory educational philosophy or principles of education of whom there were 25 Ratings were obtained from a large group of secondary-school teachers All of the ratings were treated statistically Data indicate that philosophers and teachers vary widely in their evaluations of certain teaching activities

2334 Ullman Roy R The prognostic value of certain factors related to teaching success Doctor's thesis 1930 University of Michigan Ann Arbor 133 p (Address The Author Ashland college Ashland Ohio)

A study of the various items entering into the personal equipment and preparation of prospective teachers The relationship of each of the items to teaching success was carefully determined

2335 Wald Lloyd D The rating of teachers in service Master's thesis 1930 University of Chicago Chicago Ill

A statistical study of teachers ratings ratings given the same group of teachers by principals supervisor and teachers Comparisons are made between ratings

2336 Weber S E Rating teachers and principals to improve their service Pittsburgh puts a new slant on the difficult but valuable plan of rating instructors American school board journal 80 47-49 April 1930

See also 2179 2387 2395

#### TEACHER LOAD

2337 Anderson Earl W Analysis of positions to which beginning teachers were elected 1929 Ohio state university Columbus

A study of the types of positions to which beginners who are graduates of the Ohio state university are elected and an analysis of their duties based on reports from them Findings In general the median beginning teacher teaches at least three subjects and has the care of two extracurricular duties

2338 Ayer Fred C Computing and adjusting the university teaching load. Nations schools 4 26-30 July 1929

The more important of the basic factors entering into the computation and adjustment of teaching loads are considered in this article

2339 Beaver Chester A Subject combination in high school teacher's programs in South Dakota Master's thesis 1930 University of Iowa Iowa City 78 p ms

2340 Briar A Russell Subject combinations in high school teachers programs Master's thesis 1930 University of Iowa Iowa City 71 p ms

2341 Chapman Harold B Pupil teacher ratio report 1930 Public schools Baltimore Md. 10 p ms

A scientific study of ratio of pupils to teachers in the several types of schools.



2312 Cole, Robert D. The high school teaching population of North Dakota Grand Forks N Dak., *University of North Dakota*, 1929 50 p (Bulletin, no 5 October 1929)

Reviewed in *School of education record* February 1930 p 154-56

A study of the number of subjects actually taught by high school teachers the experience number and character of subject combinations and extracurricular activities of the teachers

2313 Doughman Mrs Melle Subject combinations of high school teachers in Kansas Master's thesis, 1930 *University of Wichita, Wichita, Kans.* 79 p ms.

2314 Foley, Arthur L., chairman Report of committee on teaching load in colleges North central association quarterly 4 250-57 September 1929

Nine hundred questionnaires were mailed out to colleges. This article gives the tabulated results from 501 returns

2315 Friedrich George Study of the teaching load of nature and science teachers in teachers' colleges and normal schools with particular emphasis on practices of teaching in the field 1930 Cornell university, Ithaca, N. Y. *Nature almanac*, 1930 119-27

The average number of classroom hours taught by normal school science teachers is 19.45 per week. In 58.7 per cent of the institutions supervision of practice teaching in science is not required of the staff. Thirty one and five tenths per cent of the schools attain the standard of A-1 rating of 16 hours per week set by the National association of teachers' colleges. Eighty four and eight tenths per cent of the schools teach by means of field trips, the average number of field trips being 12.1 per semester, only 3.2 per cent of which have classes of 25 students or less. A heavy teaching load is not a deterrent to teaching by the field method

2316 Graham, John Franklin. Combinations of subjects taught by the Georgia high school teacher. Master's thesis, 1929 George Peabody college for teachers Nashville, Tenn 73 p ms.

2317 Heiges, J. S. How many and what subjects should a high school teacher in Pennsylvania be prepared to teach? *School review*, 38: 286-90, April 1930

In order that teacher training institutions may give intelligent guidance and make the proper selection of subjects from the standpoint of the prospective teachers, 567 high schools of Pennsylvania were studied, to find out the number of subjects and the combinations of subjects being taught by high school teachers. Findings students preparing to teach in the high schools of Pennsylvania should receive special academic and professional training in two subjects. A table giving combinations of subjects which might serve to guide prospective teachers in their choice of subjects is given.

2318 Hostettler, B. H. A study of the subject combinations taught in the four year high schools of Illinois. Master's thesis, 1930 *University of Illinois, Urbana*

2319 Houston, Texas. Independent school district. The teaching load of high school teachers Independent school district, Houston, Texas 10 p ms (Research bulletin no. S111)

The teaching load can not be definitely evaluated except in extreme cases in which there is only one teacher, such as in Italian or Journalism. Findings. Extracurricular load should be more equally distributed among all the teachers of a given subject or field; separate minimums and maximums for number of pupils should be established for each subject. It should be definitely established that the hours during which pupils are required to report in school are not coterminous with the hours of the principals' or teachers' day. rules and regulations should stipulate the general requirements of each teaching position, approximate size and number of classes, extracurricular work, approximate number of pupils, and other requirements

2320 Johnson, Axel L. The teaching load of college chemistry instructors. Master's thesis, 1930 *New York university, New York, N. Y.* 96 p ms.

This is a survey of the teaching loads of the chemistry instructors of 287 liberal arts colleges in the United States

2351 New Trier township high school, Winnetka, Ill. Department of reference and research A study of teaching load and extra duties of teachers for first semester 1929-1930 1929 7 p ms

2352 Noble, M. C S jr The subject load of teachers and principals in the high schools of North Carolina 1929-1930 1930 State department of public instruction Raleigh N C 18 p ms

The study shows the number of persons teaching various subject combinations The data concern teachers and principals of both races Tables are also presented showing the number of subjects taught and the number of periods taught per day in rural and urban high schools in North Carolina.

2353 Nuttall James A. A study of the distribution of the teaching load in the small high schools of the State of Utah Masters thesis 1930 Brigham Young university Provo

2354 San Francisco Calif Public schools Department of educational research and service, Program problems and practice in senior high schools of San Francisco 1930 10 p (Bulletin no 15)

By Richard I Abraham

A study of the teacher load in all the senior high schools of San Francisco during the fall term 1929 It was found that one-half of the San Francisco senior high school teachers have instructional loads of more than 593 pupil-clock hours per week while one-half have less than that amount The instructional load of 50 per cent of the teachers lies between 671 and 519 pupil clock hours with 25 per cent less than 519 and 5 per cent more than 671 pupil clock hours per week.

2355 ———— Teacher load in San Francisco junior high schools spring term 1929-1930 1930 8 p (Bulletin no 14)

The results of this study showed that there is a high degree of variability of periods taught per week among the different junior high school teachers and that there is a high degree of variability of pupil periods per week among teachers of the same school and among the several junior high schools

2356 Santa Monica Calif City schools Department of research. Teacher load 1929 25 p ms

This study contains data regarding the number of pupils assigned per teacher in elementary junior and senior high schools. Tables were made showing each school range of grade number of pupils number of teachers and the average number of pupils per teacher A table was also made for the elementary schools (non platoon grades) showing a distribution of number of pupils per teacher exclusive of teaching principals and special teachers

2357 Sawyer, R G Analysis of Atlanta junior high school shop-teacher's job 1930 Georgia school of technology Atlanta 12 p ms

The study was made to determine the exact duties a junior high shop teacher must perform during a teaching year A total of 461 items or duties was found.

2358 Scott Dorothy DeLong The effect of the size of the school on the teaching load of the home economics teacher Masters thesis 1929 Ohio state university Columbus

2359 Tritt W W Estimating teaching loads by means of subject coefficients Nations schools 5 61-63 April 1930

The author attempts to determine subject coefficients which could be used with Harl B Douglass formula by which the teaching load in the high schools might be measured The subject coefficients were tried out with the 91 members of the faculty of Belmont high school Los Angeles

2360 Wachler L. A. Does the high school teacher do too much clerical work? Nations schools 4 49-53 October 1929

A study of the clerical work done by 79 teachers in high schools of more than 1000 enrollment Teachers reporting are far from being in agreement as to the extent of the clerical burden

See also 1905 2183 2189 2210 2215 2217 2409 2413 2518 2775 4069

## TEACHER SUPPLY

2301 Ambrose Brother Stimulating vocations to the teaching brotherhoods Master's thesis 1929 Catholic university of America Washington, D. C. 41 p ms

2302 Anderson Earl W A study in supply and demand Educational research bulletin (Ohio State university) 8 399-403 December 4 1929  
A study of the oversupply of English teachers in Ohio

2303 Clement Evelyn A. The supply and demand of teachers in California 1918-1930 State department of education Sacramento Calif California schools 1 154-64 June 1930

From this study it was found that the total excess of supply over demand for teachers in California during 1928-1930 was 1,948 teachers

2304 Devricks Robert K. Freshmen college enrollments in Indiana on teacher training courses Teachers college journal 1 83-86 January 1930  
A study of enrollments in teacher training courses from the point of view of supply and demand

2305 Fife Ray A study of teacher supply in vocational agriculture for 13 North central states [1929] State department of education, Columbus Ohio

2306 Magee H J Demand for special teachers of physical education music and drawing 1920 State department of education Albany N Y

2307 Mushnitz Manfred Eugene Are there too many teachers? Master's thesis 1920 Stanford university Stanford University Calif

2308. Neuner John J W A study of the supply and demand of teachers of commercial subjects in the public day high schools in New York State exclusive of New York City for the year 1926-1927 Doctor's thesis 1929 New York university New York N Y

2309 Overn Alfred Victor Indices of supply and demand of teachers in Minnesota Doctor's thesis 1930 University of Minnesota Minneapolis. 884 p ms (To be published by University of Minnesota press Minneapolis 1931 About 300 p)

A study of calculated trends in the demand for teachers of each activity in high school and all elementary grades for 11 years for all schools in the State outside of the three largest cities Demand was treated quantitatively and supply qualitatively Certain samplings were validated statistically An oversupply was indicated for many activities or other activities temporary saturation points of the demand were not yet in evidence

2310 Planzke O H and Doudna Edgar G The training and work of high school teachers in Wisconsin in new positions Madison Wis. State department of education 1930 16 p

A statistical study of new teachers in Wisconsin for the first semester of the year 1929-1930 A study in the field of supply and demand.

2311 Shambaugh Charles Gilbert Issues bearing upon the demand for teachers in California Doctor's thesis 1930 Stanford university Stanford University Calif

2312 Ullrich Felix H. The supply and demand of teachers in the State of Texas. Master's thesis 1929 University of Texas Austin

Data show an oversupply of high school and elementary teachers and of persons seeking superintendencies

2313 Vance John Q Contribution of the teacher training agencies in Tennessee toward supplying the demand for trained teachers in the State Peabody Journal of education 7 27-50 March 1930

The enrollment of students in white teacher training institutions in Tennessee was studied for the year 1926-1927 for the winter and summer seasons. A study was also made of the certificates issued to these students and to those from institutions outside the State in 1927 2,010 trained white elementary teachers were needed in Tennessee in 1927 The training agencies of the State were able to supply 1,989 teachers.

2374. Woodward, Clair L. The junior colleges of Iowa as a source of teacher supply for the year of 1928. Masters thesis 1929. University of Iowa Iowa City. 70 p. ms.

## TEACHERS PENSIONS

2375. Carpenter, Edward Huger. An evaluation of the Indiana state teacher retirement system based on a study of annuitants. Masters thesis 1930. Indiana university Bloomington. 119 p. ms.

2376. Heron, Alexander R., and others. Report of the California public school teachers retirement salary commission. Sacramento: California state printing office, 1929. 64 p.

A study of existing conditions in the State in regard to teachers pensions and recommendations for improving the situation.

2377. National education association. Research division. Group insurance for teachers. Washington D. C. 1930. 8 p. (Studies in State educational administration no. 3. February 1930).

Shows the activities of teachers organizations and contains an annotated bibliography.

2378. Pritchett, Henry S. The social philosophy of pensions with a review of existing pension systems for professional groups. New York: N. Y. Carnegie foundation for the advancement of teaching, 1930. 85 p.

Deals with the rise of pension systems in the United States; pensions as retired pay; the part of the actuary in creating and operating a pension system; the economic and social philosophy underlying a sound pension system; and retired pay systems for college teachers and public school teachers.

2379. Roller, Charles Theodore. The legal status of retirement systems. Masters thesis 1930. University of Pittsburgh. Pittsburgh, Pa. University of Pittsburgh bulletin 27. 365-60. November 1930. (Abstract).

2380. Smith, Ilse M. Teacher retirement in theory and practice. Master's thesis 1930. Teachers college, Columbia university. New York: N. Y. 172 p. ms.

An analysis of teacher retirement legislation in the United States and teacher retirement literature in relation to 16 fundamental problems.

2381. Stöffelbach, Elmer H. Retirement salaries: the differential principle. Sierra educational news 26. 28-32. January 1930.

The author studied teachers salaries and their purchasing power for the years 1880 to 1925. He favors the use of the differential principle in the payment of retirement salaries because a retirement allowance based on some form of salary differential would better serve the purposes of the retirement law in that it would more nearly meet the needs of the superannuated members of the profession.

2382. Thomson, Andrew Clinton. Desirability and feasibility of group insurance for California teachers. Masters thesis 1930. University of Southern California. Los Angeles. ms.

## TEACHERS PERSONALITY

2383. Baldwin, H. Wayland. The influence of personality on success in teaching. Masters thesis 1930. University of Southern California. Los Angeles. ms.

2384. Birkelo, Carl F. What characteristics in teachers impress themselves most upon elementary and high school students? Educational administration and supervision, 15. 453-56. September 1929.

Data received from a questionnaire sent to 614 college students indicate that public school pupils are impressed by the genuine and real qualities possessed by their instructors, and that they recognize genuine teaching ability. Power to inspire the student enthusiasm for work, a sympathetic attitude and a pleasing personality are qualities which attract the students.

2385 Callaway, James F Teacher qualities desired by superintendents of Nebraska Masters thesis 1930 University of Nebraska Lincoln 90 p ms

Opinions were obtained from 160 superintendents of Nebraska and a study made of qualities sought by 89 application blanks and 69 reference sheets Findings Superintendents of Nebraska emphasize personality scholarship successful experience morality leadership sympathy judgment ambition cooperation ability and discipline enthusiasm and interest

2386 Diener Harry C Study of behavior of high school teachers. Masters thesis 1930 Cornell university Ithaca N Y 67 p ms

This study is based on questionnaires sent to superintendents of cities of 5000 to 10000 population 701 returns were received covering 4485 teachers Findings A behavior code seems essential especially for inexperienced teachers

2387 Flory Charles D Personality rating of prospective teachers. Educational administration and supervision 16 135-43 February 1930

Ninety nine students of psychology at Manchester college Ind and 35 students in the introduction to education class at Park college were the subjects of this experiment Findings Students tend to agree fairly well on the traits which are necessary for successful teachers There is a positive and significant relationship between the personality scores as determined by self rating and the average rating of both two and five intimate friends

2388 Jones Vernon Disagreement among teachers as to right and wrong Teachers college record 31 24-36 October 1929

A sampling of 118 adults 87 experienced teachers and 30 juniors and seniors in college who were taking courses in Education were used in this study It was found that there is a great difference of opinion among teachers in regard to what is right and what is wrong They do not agree to their ideals and they do not agree on what the accepted standards are

2389 Jordan Floyd A study of personal and social traits in relation to high school teaching Journal of educational sociology 3 27-43 September 1929

Gives the opinions of 150 high school seniors 170 teachers 100 supervisors and 100 school patrons on the significance of certain social and personal traits in relation to high school teaching

2390 Lin portraits of 14 superior teachers Los Angeles principals describe some of the city's outstanding instructors American school board journal 70 35-36, 136 October 1929

A study was made of the characteristics which distinguish the superior teacher to the minds of the principals and supervisors of Los Angeles

2391 Tyler, Henry T A study of the bearing of certain personality factors other than intelligence upon academic success at Teachers college Doctor's thesis, 1930 Teachers college Columbia university New York N Y

Teachers College students who were candidates for degrees or who had completed eight or more points of academic work during the semester were rated on the SOGI scales a test of personality One thousand three hundred and sixty four completed scales were available for the study The investigation shows a new test technique by means of which aspects of personality almost wholly unrelated to intelligence but playing a part in academic and other types of success may be measured with a high degree of reliability After further research SOGI technique may be made a valuable addition to the rapidly growing personality measurement movement It has afforded valuable glimpses into the tangle of factors which comprise personality

#### TEACHERS SALARIES

2392 Alhambra Calif City schools Department of educational research and guidance Salary study 1930 15 p ms

2393. Anderson Earl W and Stubbs Esther M Salaries of inexperienced teachers Educational research bulletin (Ohio state university) 8 289-94 September 25, 1929

The data for this study were compiled from the reports for 1928-1929 which covered 90 per cent of all public junior and senior high schools of Ohio Inexperienced teachers

were defined as those who had had no regular teaching experience previous to September 1908. The median salary for all inexperienced teachers in the State for the year was \$1.20.

2304 Beck E W. The relation of college grades to teaching salaries for Bemidji graduates. 1930. State teachers college Bemidji Minn.

This study gives the results of a questionnaire sent to all graduates of Bemidji state teachers college over the 10 year period since its establishment. Findings: When divided into quartiles the average and median salaries for each quartile were higher than those in the lower ones.

2305 Blom E C. White Dorothy, and Moderow, Gertrude. The operation of the Louisville salary schedule. 1930. Public schools Louisville Ky. 2 p ms.

This study shows the results of the operation of the single salary schedule adopted by the board of education of Louisville in June 1906. It also gives data on teacher ratings.

2306 Bradley J H. A salary study. 1929. Public schools Modesto Calif. 20 p ms.

2307 Clark R C. Principles of advancing the salary of teachers. American school board journal 80 41-42 March 1930. 50 142 April 1930.

A study was made of the various systems used in increasing the salaries of teachers based on education length of service and teaching experience.

2308 ———. Principles underlying the minimum teachers salary. American school board journal 80 55-56 February 1930.

The author discusses critically the principles used in determining the minimum or basic salary. The conclusions are based on his experience as an administrator, a careful study of the available literature and a first hand study of many schedules actually in operation.

2309 Colton Albert S, chairman. Report of the California teachers association committee on teachers salaries. San Francisco California teachers association 1930. 12 p.

Reprinted from the Sierra educational news June 1930.

2400 Dalthorp Charles J. A brief survey of teachers salaries per capita costs and the personnel of teaching and supervisory staffs in the Aberdeen city schools. Aberdeen S D. Aberdeen S Dak. Public schools 1929. 60 p ms.

2401 Davis, H. H. Salary base for clerk treasurers of boards of education. State department of education Columbus Ohio [1930].

2402 Denver Colo. Public schools. Department of research. Salaries of deputy and assistant superintendents heads of department and principals 1930. 21 p ms.

The study gives tables showing comparative salaries in 24 northern cities. Findings: Denver salaries for directors are the same as for 24 northern cities. Denver principals are better paid than are principals in the 24 northern cities studied.

2403 ———. Salaries of retiring Denver teachers since 1924. 1930. 4 p ms.

Findings: Salaries of retiring teachers are from \$100 to \$500 higher than for entering teachers.

2404 Grimm L R. Regulation of teachers salaries by state authority. 1929. Illinois state teachers association Springfield. 13 p ms.

The requirements of states relative to state-wide salary schedules and minimum salary laws are outlined in this study.

2405 Hart F W and Peterson L H. Professional salary scale forms. American school board journal 50 42-43 June 1930.

The authors describe the principles adopted or developed in the San Francisco salary survey.

2400 Hathaway, Arthur H. Should there be salary distinctions between men and women teachers? *American school board journal*, 70 45-46, July 1929

A study was made of the wages of men and women engaged in 16 manufacturing occupations throughout the United States from data published in the Monthly labor review of the United States Bureau of labor statistics. Data indicate that because there is high difference in salary between men and women teachers, men are being forced out of the teaching profession into administrative positions where they can receive higher salaries.

2407 Hebb Bertha Y. Comparison of salaries of city school superintendents, 1913 1921 and 1928-1929. *American school board journal*, 70 38, August, 1929

Data presented give the salaries of superintendents of schools in 68 cities having a population of 100 000 and over for the years 1913 and 1928-1929 and the salaries of superintendents of 56 cities for the year 1921.

2408 Hood Helen Vander Veer. Salary study 1930. Public schools, Alhambra Calif. 19 p ms.

2409 Hughes, W. Hardin. The instructional staff. Salaries, training, and teaching loads comparatively treated. Pasadena, Calif., Public schools, 1929 4 p. (Administrative research series, 1929. Monograph, no. 2)

Illustrated by numerous charts and tables.

2410 Illinois state teachers association. Department of research and statistics. The regulation of salaries of teachers by state authority 1929 13 p ms. *Illinois teacher* 15 314-18, May 1930.

Gives the results of a questionnaire sent to the state departments of education of 47 states requesting information concerning minimum salary regulations.

2411 ———. Teachers' salaries in Illinois. November 1929. 53 p ms. *Illinois teacher*, (Springfield Ill.), 18 132-35, January, 216-19, March 1930.

Conclusions. In comparison with other wage groups teachers are underpaid. Teachers wages in Illinois do not in general compare favorably with those paid to corresponding positions in such states as California, New York, New Jersey, Indiana, Massachusetts, Pennsylvania and other leading states. Low wages are found where low educational standards are permitted, etc.

2412 Kezer, C. L. Relation of principals' salaries to the superintendents' salary 1930. Oklahoma agricultural and mechanical college Stillwater. 3 p ms.

A comparison was made of salaries in 302 independent districts of Oklahoma showing high salary, low salary and median for each level of superintendent's salary. Findings. Principals' salaries average about two-thirds that of the superintendent. There is much variation. Some are principal in name only.

2413 Kratt, Edwin L. Salaries, teaching load and personal data of California rural high school teachers. Master's thesis 1929. Stanford university, Stanford University, Calif. 150 p ms.

The study includes the following: a comparison of the size of California rural high schools with those of neighboring states both as to number of pupils and teachers employed, salaries of rural high school teachers, comparison of salaries of married and single teachers, teaching load, personal data as type of professional and non professional reading—books and magazines, number belonging to professional organizations—also non professional, number attending institutes and conventions, other indications of professional growth, also the amount of time spent by teachers in supervision of extracurricular activities.

2414 McCormick, Luther Bartlett. Salaries of high school teachers in South Carolina in 1926-1927. Master's thesis 1929. George Peabody college for teachers Nashville, Tenn. 46 p ms.

2415 Macklin, John D. A salary schedule for clerks of boards of education in state aid rural and village school districts of Ohio. Master's thesis [1930] Ohio state university, Columbus. 40 p ms.

This is an investigation into present salary conditions in Ohio rural and village school districts, an analysis of salaries authorized by statutes of Ohio and other states, and a

questionnaire study to determine the increase paid Ohio clerks of boards during a building program. A salary schedule is set up based on the findings of the study

2416 Massachusetts teachers federation Salaries of the teachers in public day schools of Massachusetts. Common ground, 9 246-65, March 1930

\* 2417. Morris, Lyle L. The single salary schedule An analysis and an evaluation Doctor's thesis, 1930. Teachers college Columbia university, New York, N. Y. New York city, Teachers college, Columbia university, 1930 79 p (Contributions to education, no 413)

Answers to the following questions were sought (1) What is the effect of the single salary schedule upon the training of teachers? (2) What measures other than training and experience are used and how are they used? (3) How does the amount expended for teachers' salaries in single salary cities compare with that in regular cities? and (4) What are the administrative problems involved? When the two groups of cities were compared in respect to the training of the teachers, it was found that the elementary teachers of the single salary cities were better trained than were those of the regular salary cities

2418 National education association. Research division Tabulations III-B Salaries paid school administrative and supervisory officers, 1928-1929, 308 cities 10,000 to 30,000 in population Washington, D C, National education association, 1929

2419 ——— Tabulations IV-B Salaries paid school administrative and supervisory officers, 1928-1929, 342 cities 5,000 to 10,000 in population Washington, D C, National education association, 1929

2420 ——— Tabulations V-A Salaries paid teachers, principals and certain other school employees, 1928-1929, 514 cities 2,500 to 5,000 in population. Washington, D C, National education association, 1929

2421 ——— Tabulations V-B Salaries paid school administrative and supervisory officers, 1928-1929, 514 cities 2,500 to 5,000 in population Washington, D C, National education association, 1929

2422 Noble, M. C. S., Jr Teacher salaries in the United States 1930 State department of public instruction, Raleigh, N C 100 p ms

An analysis of the salaries paid teachers and other school officials in the separate states

2423 North Carolina. State department of public instruction, Raleigh Comparison of salary cost (State schedule) 1929-1930 1930

This is a comparison of salary cost (white, colored both races) with the State schedule for the actual term (1929-1930) not exceeding eight months with a uniform eight months' term

2424 ——— Number and salaries of white principals 1929-1930 1930

This study shows the number and salaries of white principals in North Carolina in terms of the State salary schedule

2425 ——— Number and salaries of white teachers by counties: 1929-1930 1930

2426 ——— Salaries of superintendents 1930 6 p ms  
Gives budgeted salaries of superintendents in rural and special chapter schools, and per pupil cost of same

2427 Schuknecht, Lester (South Glens Falls, N Y) Salary schedules of schools in New York State (Outside of cities) [1930]

2428 Sibert, Omer Earl Effects of training and experience on the salaries of public school administrators in Ohio Master's thesis, 1930 Ohio state university, Columbus 121 p ms

2429 Soper, Wayne W. Salaries of teachers in New York State 1930  
State department of education, Albany, N Y 6 p ms.

Analysis of salary data reported to the department by New York state superintendents



2430 Spencer Paul R. A state minimum teachers salary schedule. Doctor's thesis 1929 Teachers college Columbia university New York, N Y  
This study presents a technique by which a state may define its minimum program as to teacher training and experience. It presents a technique by which the cost of such a program so far as teachers are concerned can be equalized through a state minimum salary schedule with corrections for variations in living costs throughout the state. Data were secured for the most part from Florida.

2431 Standiford Francis Wilbur Principles of salary schedules in cities of 20 000 to 50 000. Master's thesis 1930 University of Chicago Chicago Ill 110 p ms

This is a study of the principles of formulation of salary schedules in 245 cities of 20 000 to 50 000. Conclusions are made with regard to economic principles influence of current practice principles designed to secure competent and adequately trained recruits to the teaching staff and principles designed to retain competent and well trained employees and insure improvement in service.

2432 Thompson Roger M Teachers salaries 1929-1930 1930 State board of education Hartford Conn 21 p ms

2433 Tracy Bettie M Salaries in junior high school 1930 Public schools Wheeling West Va 7 p ms

2434 Washington D C Public schools Report of investigation of methods of payment of public school salaries in large cities 1929 14 p ms

Results from a questionnaire sent to 40 cities with populations over 100 000 show that there is little uniformity in the method of salary payment in the large cities selected for study. There is a great diversity in the methods of payment of various types of employees within a city system. The prevalent practice is to make monthly payments to officials teachers and clerks and semi-monthly payments to custodians. The most frequent practice is to make payments on a 12 month basis to officers custodians and clerks but on a school month basis to teachers.

See also 13 114 1905 1936 2182 2184 2189 2200 2208 2210 2213 2215 2222 2224 2230 2518 2582, 2873

## HIGHER EDUCATION

2435 Anderson Winalow S The Rollins college conference plan 1929 Rollins college Winter Park Fla

2436 Anthony Ann The degree of correlation between the intelligence quotients of students in Hunter college and their academic ratings in majors and minors. Doctor's thesis 1929 New York university New York, N Y

2437 Arnold Henry J An analysis of some of the elements in the previous preparation of college students and the relation of these elements to academic standing. Doctor's thesis 1929 Ohio state university Columbus

2438 Bartlett Katherine A racial classification of college students. Master's thesis 1930 University of Denver Denver Colo 115 p ms

In this study measurements were taken on 200 University of Denver students and a comparison was made when possible with the corresponding measurements of 100 Smith college women.

2439 Benner Thomas E College and university publicity Teachers college record 31 422-29 February 1930

Gives the results of a questionnaire sent to more than 200 colleges and universities. Seventy five per cent of the 48 colleges and universities supported by public funds and 72 per cent of the 71 privately supported institutions who replied to the questionnaire employ an official specifically responsible for the betterment of the institution's public relations.

2440 Bird Joseph W A study of faculty control in state universities in the United States. Doctor's thesis [1930] New York university New York N Y

Findings Faculties take care of educational policies. Presidents take care of business policies. There is cooperation between the president and his faculties.

2441 Blume, C. J. M. The growth and the development of 16 institutions of higher learning in the State of Virginia (1910-1928). Master's thesis, 1929 University of Virginia, Charlottesville

The study is a statistical summary of 16 institutions of higher learning for a period of 18 years including data as to endowment, buildings, equipment, faculty, salaries, and the courses offered

2442 Boyer, Carl Wright. The psychology of the college student who is scholastically deficient Doctor's thesis, 1930 New York university, New York, N. Y. 224 p

This study is a partial case history and statistical method of determining causes and suggestions for remedial measures.

2443 Brandenburg, G. C. The relation between college success and certain later activities. 1929 Purdue university, Lafayette Ind. 25 p ms

Data indicate that business and industry stress personality much more than scholarship or sheer intellectuality

2444 Bridgman, Donald S. Success in college and business. Personnel journal, 9: 1-9, June 1930

The article gives the results of studies of the success of 1,310 college graduates in the Bell telephone system in relation to a number of factors in their college life. Data indicate that high scholarship, substantial campus achievement, early graduation and immediate employment in the Bell system are favorable factors for success in its work

2445 Brown, Herbert C. The specific requirements of 49 colleges and universities of the units required by them for entrance. 1930 George Washington university, Washington, D. C. 43 p. ms

It was found that requirements are more liberal than in the past. The work done in preparation for college must be intensive and specific

2446 Brown, Ruth A. A study of high school and first semester college records of freshmen entering 20 colleges and universities in Michigan in the fall of 1928. In Michigan schoolmasters' club Journal, 1930 p 315-30 (University of Michigan official publications, vol. 32, no. 8, July 26 1930)

Data cover 6380 freshmen enrolling in 20 Michigan universities and colleges and coming from 763 different preparatory schools

2447 Brown university. Survey committee. Report Providence, The University, 1930 143 p (Bulletin, vol. 27, no. 6)

Survey committee Samuel Paul Capen, Luther P. Eisenhart, Gay Stanton Ford

2448 Buffalo. University. The new curriculum of the college of the University of Buffalo, and some of its effects. In Buffalo University Reports of the chancellor, treasurer, and the other administrative officers, 1929 p 77-84

2449 Bush, Ralph H. Overlapping of high school and college courses. California quarterly of secondary education 5 329-30, June 1930

Several experiments carried on in different colleges in history, chemistry, and other subjects show overlapping courses taken by college students in their last two years in high school and their freshman year in college

2450 Byrns, Ruth. Concerning college grades. School and society, 31 684-86, May 17, 1930

This study was based on the grades of the undergraduate student body at the University of Wisconsin and extended over a period of eight semesters. The scholastic average of women students is significantly higher than that of the men students. Women who are members of sororities rank above women who are not affiliated with sororities. Fraternity men rank higher than non-fraternity members. Men and women who live in the dormitories which are under the jurisdiction of university officials receive lower grades than men and women who are living in houses maintained by the student groups. Grades in each group tend to be higher in the second semester of each year than they were in the first semester. Scholastic relationships between the various groups were constant throughout the eight semesters considered.

2451 Carnegie foundation for the advancement of teaching in cooperation with the Joint commission of the Association of Pennsylvania college presidents and the State department of public instruction Study of the relations of secondary and higher education in Pennsylvania The college and the freshman, New York N Y 1930 48 p (Progress report 2)

In dealing with the problem of the nature and extent of the personal contact between the freshman and his college teachers Pennsylvania has tried freshman advisers and freshman tutors or preceptors with definite functions and techniques. The appendix gives contributions to an outline of material for tutorial conferences from the standpoint of the student and of the college Data indicate that the freshman tutor is a great aid to the student in initiating him into college life and in giving him the courage and the impulse to make the most of it.

2452 Clark Alice Beulah. An analytical study of good and poor students among college freshmen Masters thesis 1930 Oklahoma agricultural and mechanical college Stillwater

2453 Constance, Clifford L. Greeks of the campus. School and society 30 409-14 September 21 1929

Reports a brief statistical investigation of fraternities at the University of Oregon, based on records of freshmen matriculating in the fall terms of 1927 and 1928. For men there is no apparent difference in fraternity and non fraternity groups on the basis of psychological test scores. The sorority group is superior in test score over the non sorority group. From high school records, there is a uniform superiority of freshmen outside the houses over their fellow classmates within them. Fraternity men on the average secure better grades in the university. Freshmen in fraternities at the University of Oregon secure higher grades—in proportion to their abilities as measured by psychological test and high school grades—than do the non fraternity freshmen.

2454 Cotterman H. F. Student adjustment in recent programs in higher education. Doctor's thesis, 1930 American university, Washington D C

Analysis of the functions of the college years in representative and experimental programs of higher education developed in recent years.

2455 Cowen, Philip A. The college tuition fee in relation to current income. Doctor's thesis 1929 New York university, New York, N Y 141 p

2456 Cowley, W H. Freshman admissions form. Columbus Ohio state university, 1930 10 p

2457 Crago, Alfred. A study of emotional maladjustments of a group of university students. Doctor's thesis 1930 University of Iowa, Iowa City 235 p. ms

2458 Crawford Albert Beecher. Forecasting freshman achievement. School and society 31 125-32 January 25 1930

An analysis of a rather comprehensive investigation in progress for the last three years at Yale university concerning the prediction of freshman scholarship. All candidates for admission are required to take the scholastic aptitude test. Scholastic potentialities of entering freshmen are effectively predicted from a weighted combination of various pre-matriculation data. More than two-thirds of the individual predictions for last year's freshman class differed by not more than four points from the students' actual averages.

2459 ——— Rubber micrometers. School and society 32 233-40, August 16, 1930

The department of personnel study at Yale university analyzed the distribution of all grades received by the Yale freshmen of 1926 to 1932 inclusive in order to compare the assignment of marks by different departments of study, and by inexperienced as compared with experienced teachers.

2460 Crider, Blake. The effect of absences on scholarship. School and society 30 27-28 July 6 1927

A report of a study made to determine the relationship between grade points and absences. Data were collected from the records of 240 freshman students, indicating that a student's scholarship is affected both by his percentile ranking on the psychological test and by his absences.

2461 Davidson Ellen A. Percentile rankings in intelligence of college of education students 1930 University of Minnesota Minneapolis

Comparisons were made by groups of those who came from small colleges normal schools and the University of Minnesota junior college. Findings Median IQ was higher in college than university group and the latter higher than normal school group

2462 Delfraisse Mrs Betty Dew The history of the University of Tulsa. Master's thesis 1929 University of Texas, Austin

2463 Deputy, E. C. Knowledge of success as a motivating influence in college work Journal of educational research 20 327-34 December 1929

Gives the results of a study carried on to find what influence a frequent knowledge of success will have upon the scores (grades) of the three groups of students in freshman philosophy

2464 Devricks Robert K. The gathering and use of statistical data in the registrar's office for college administration and teaching 1930 Indiana state teachers college Terre Haute 11 p ms

2465 Dexter Emily S. Intelligence-test score and major subject. School and society 30 779-80 December 7 1929

Data were gathered from four representative colleges in the east south and middle west. The student's score on an intelligence test was secured then his choice of major subject. There is a considerable degree of variation among colleges as to subjects attracting the brightest students with no conspicuous advantage in favor of any one subject. Conclusion Given intelligence and training enough to get into college a student can succeed as well in one subject as in another provided he cares to do so

2466 Donovan, H. L. A faculty effort in the improvement of college teaching. Peabody journal of education 7 209-63 March 1930

The author lists 76 suggestions for improvement in teaching given by members of the faculty of Eastern state teachers college Richmond Ky

2467 Elliott Frank B. College presidents believe in publicity. In American college publicity association Convention report 1930 p 15-25 (Don M. Cresswell secretary treasurer Pennsylvania state college State College Pa.)

Answers received from 237 presidents of colleges show that they are almost universally in favor of educational publicity

2468 Elwood Mary Isabel. A study of students graduated with academic honors from the University of Pittsburgh. Master's thesis 1930 University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 262-63. November 1930 (Abstract)

2469 Engelhardt Fred. Survey of Gustavus Adolphus college 1930 University of Minnesota Minneapolis 300 p ms

2470 Evans Ewart Owen. A study of the relationship between university grades assigned to freshmen and psychological scores. Master's thesis 1930 University of Wisconsin Madison

2471 Findorf Arline Katherine. A study of some of the influences that effect the intellectual achievements of freshman students at the University of Wisconsin. Master's thesis 1930 University of Wisconsin Madison

2472 Gerberich, J. R. Fraternity and sorority scholarship. University of Arkansas 1924-1929 1930 University of Arkansas Fayetteville 20 p ms

Psychological examination scores and grade point data from the office of the registrar were used in making the study. Findings A comparison of the average score of fraternity pledges and all men shows that fraternity pledges rank above the average in each of the four years and in three years by a sizable margin. A like comparison of average percentile scores for women indicates that sorority pledges rank considerably above the average except for the year 1928. The margin by which the fraternity pledges exceeded all men was somewhat greater than that by which sorority pledges exceeded all women. All freshmen women average higher than all freshmen men except for 1927 although the margin is probably significant only in 1928.

2473 Gerberich, J R Subsequent university careers of probation students in the retraining experiment (reading and methods of study) of 1928-1929 1930 University of Arkansas Fayetteville 5 p ms

2474 Gerlinger Irene Hazard Recent movements in the establishment of fine arts courses in colleges and universities Master's thesis 1930 University of Oregon Eugene 23 p ms

2475 Goldthorpe J Harold The relative rank in high school and in the first two years of the university School and society 30 170-71 July 27 1930

One hundred and thirty six freshmen also entered the liberal arts college of Northwestern University in September 1929 from three Chicago high schools and three suburban township high schools were studied Conclusions A high standard of scholarship in high school is usually followed by a high standard of work in the first year in the university and vice versa There appears to be a substantial relationship between rank in high school and standing in the first two years in the university

\*2476 Gray Howard A Some factors in the undergraduate careers of young college students with particular reference to Columbia and Barnard colleges Doctor's thesis 1930 Teachers college Columbia University, New York N Y New York City Teachers college Columbia University, 1930 66 p (Contributions to education 437)

This is a study of the feasibility of students being admitted to higher institutions of learning while younger than the average entrance age A detailed analysis of individual college records of 120 boys and 29 girls who entered Columbia and Barnard colleges under 18 years of age was made Student bodies studied were not representative of a typical liberal arts college body and conclusions drawn from this study therefore are not applicable to undergraduate population of the nation Conclusion Young college applicants could profit from early entry and should be allowed to continue accelerated development after entry Records indicate that young students were superior in intelligence better prepared exceeded older fellows in scholarships, suffered fewer failures and received more academic honors No set rules should be established for deciding the admission fate of the applicant who is younger than those who usually apply Fitness for admission to college is determined primarily by applicants demonstrated ability to achieve academic success

2477 Greene, Edward B The retention of information of college students a preliminary report In Michigan schoolmasters' club Journal 1930 p 231-32 (University of Michigan official publication vol 32 no 8 July 26 1930)

A study of 407 freshmen and sophomores in zoology 325 sophomores and juniors in psychology and 130 medical school students in physiological chemistry Data indicate that the average student drops about one-half of the information which was acquired during the course during the first four months of forgetting

2478 Hanna, Gaynelle L Relationship between municipal universities and civic activity Master's thesis, 1930 University of Akron Akron, Ohio 50 p ms

A study by questionnaire of the nine municipal universities in the United States

2479 Hazard Mary Chorn A study of the clinical investigations of the University of Kansas Master's thesis, 1929 University of Kansas Lawrence

2480 Held, Omar C An attempt to predict the success of university freshmen in their adjustment to scholastic work 1930 University of Pittsburgh Pittsburgh, Pa (Faculty research)

2481 Herriott, Marion Eugene Attitudes as factors of scholastic success Doctor's thesis, 1929 University of Illinois, Urbana Urbana University of Illinois 1929 72 p (University of Illinois bulletin, vol 27, no 2, September 10 1929 Bureau of educational research Bulletin, no 47)

The purpose of the study was to determine (1) The significance of attitudes as factors of scholastic success in college (2) their relation to other factors of scholastic success Tests were developed for measuring the following factors presumed to be significant determiners of scholastic success previous training intelligence reading ability study habits and certain attitudes namely the ambitious—indifferent, cheerful—

despondent evaluative—non-evaluative persevering—vacillating and self-confident—dependent attitudes. Conclusions: The major factors of scholastic success are (a) Previous preparation (b) intelligence (c) study habits (d) evaluative-non-evaluative attitude (e) persevering vacillating attitude and (f) self-confident-dependent attitude

2482. Hillman James E. Statistical study of North Carolina colleges. Raleigh North Carolina state department of public instruction 1930

Report shows to what extent colleges meet standards for institutions of their class

2483. Hudelson Earl. The use of quantitative measurements in college instruction. In National society of college teachers of education Yearbook 1930

A review of the uses of quantitative measurements in instruction in colleges and universities

2484. Iffert, Jean Thomas. A study of the placement test performance and college achievement of the freshman class of the University of Pittsburgh in 1928-1929. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 297 98 November 1930 (Abstract)

2485. Irwin Clarence. Principles and methods of research revealed by a study of men of science. Master's thesis 1930. Stanford university, Stanford University Calif

2486. Johnson Carl Emanuel. A study of the relationship between university grades assigned to freshmen and psychological scores. Master's thesis 1930. University of Wisconsin Madison

2487. Johnson Grace Hays. Fellowships and other aid for advanced work. Institute of women's professional relations Greensboro N C. Greensboro North Carolina college for women 1930 413 p (Bulletin no 3)

Supplement no 1 February 1930 12 p

A study of all fellowships and other aid for graduate study and research open to men and women graduates of American colleges

2488. Jones J W. Graduate school report for the year 1928-1929 1929. Indiana state teachers college Terre Haute 51 p ms

Report for the year—and some comparisons made with the previous year that of the opening of the school

2489. Jordan Riverda H (Ithaca N Y). Looking over our scholarship. Phi gamma delta magazine March 1930

Data were taken from the deans records in 63 institutions. Findings: Fraternity scholarship is still on a shifting and unstable basis in general but is gradually becoming better

2490. ———. Study of mortality among freshmen pledged to an American college fraternity. Phi gamma delta magazine November 1929

Questionnaires from 61 chapters showed that only 75 per cent were initiated of those pledged. Your scholarship was the chief cause of non-initiation. A campaign for better scholarship is imperative

2491. Kelly Robert L. and Anderson Ruth E. Survey of Denison university 1929. Council of church boards of education New York, N Y 47 p ms

Study of faculty curriculum finances students etc

2492. Kima Clarence Witmer. Standards and criteria for academic degrees. Master's thesis 1930. University of Southern California Los Angeles ms

2493. Kniskern W M. The value of the psychological tests in predicting the success of college freshmen. Master's thesis [1930] Syracuse university Syracuse N Y

\* 2494. Knode Jay C. Orienting the student in college with special reference to freshman week. Doctor's thesis 1930. Teachers college Columbia univer

sity New York N Y New York city Teachers college Columbia university 1930 140 p (Contributions to education 115)

A study of origins history and bases of various forms of orientation A detailed study of programs administrative methods and values in freshman week procedures in American colleges Findings Freshman week can not be looked upon as a panacea but must be preceded by careful guidance programs in high school and followed by them in college Freshman week, however is almost unanimously given a high rating as a device

2495 Lauer Alvah R. and Evans J E The relative predictive value of different high school subjects on college grades School and society 31 159-60 February 1 1930

A random sampling of 400 students was made from the freshman class of 1926 at Iowa state college Only the grades for the first quarter were used in the study to show the relation of high school grades to college success and to intelligence scores of students who are pursuing work of the technical type Data indicate that the high school average is slightly superior to intelligence test records for prediction of first quarter grades High school grades should be used in connection with intelligence ratings to prognosticate college success

2496 McGrath Earl J A study concerning the relations between the amount of outside work and grades of the students at the University of Buffalo with a discussion of the motivational factors involved Master's thesis 1930 University of Buffalo Buffalo N Y 65 p ms

A study of the classes in the various colleges of the University of Buffalo showing that students who work do not as a class receive lower grades and that work is less detrimental in the last two years than in the first two The question is how much work is to be done and not merely whether to work or not.

2497 Magee Robert M Jr Success in college and the course taken in high school Detroit Mich Detroit teachers college 1930

This is a study of 1500 students

2498 Mann Margaret An analytical study of the opinion of college students Raleigh North Carolina state college 1930

Findings A progressive decrease in uncertainty of opinions Growth is certainly indicated in religious and socio-economic issues The advanced classes are more liberal in their attitudes particularly on social issues Optimism is present in all belief

2499 Mathews, C O Values of group projects in university teaching 1930 Ohio Wesleyan university Delaware

Two projects are described as they were worked out by the writer's students

2500 Maughan Preston Baxter The effect of delayed entrance on success in college Master's thesis 1930 University of California Berkeley 26 p ms

A comparative study of two groups one entering college immediately after having been graduated the other after having been out of high school for one or more years Findings Although the differences in the average grade point ratios between the immediate and delayed students are slight there is a definite tendency for the delayed group to excel The facts as found in this study do not justify any statement as to the factors which cause the delayed group to excel It may be added maturity Industrial experience social change financial status or a combination of these which cause the differences Further studies are necessary before this interesting problem can be solved.

2501 Maxwell C R A report on college freshmen for the first semester 1928-1929 North Central association quarterly 4 484-600 March 1930

A study of the records of 41 000 students who were graduated in June 1928 in their first semester of college work in 26 higher institutions

2502 Merrill Estelle Whitney Survey of student loan funds in the United States. Master's thesis 1929 New York university New York N Y 75 p ms

2503 Miller James Conelese The induction and adaptation of college freshmen. Doctor's thesis 1930 University of Missouri Columbia 110 p (University of Missouri bulletin vol 31 no 32, Education series no 31.)

A selected group of universities and colleges were studied to discover the nature and status of the activities procedures and devices which are employed in the induction and adaptation of college freshmen.

2504 Mitchell Ruth Crawford Four year study of nativity statistics of the student population of the University of Pittsburgh 1926-1930 1930 University of Pittsburgh Pittsburgh Pa

2505 Moon George R. Records of students who entered university with freshmen scholarships School review 39 413-49 June 1930

Freshman scholarships granted by the University of Chicago each of which covers the first year's tuition, have been awarded on two different bases. One group 30 in number are honor entrance scholarships for which a pupil must stand high in his graduating class usually first. The other group 30 in number have been awarded on the basis of competitive examinations given annually at the university. Records of all students holding either of these scholarships during the years 1919-19 5 inclusive were studied. These students win in large numbers the scholastic honors offered by the university. The study shows that the scholarships attract a group of freshmen who are superior students when judged by several criteria.

2506 Moore Lawrence Henry The relationship of the state board of control to the state-supported institutions of higher education in Texas Doctor's thesis 1930 University of Texas Austin

2507 Moore Lucy M. A study of the information published in two daily newspapers about colleges and universities Master's thesis 1930 Illinois college Jacksonville 02 p ms

An analysis and classification of all information published in the Chicago Tribune and Springfield State Journal about colleges during one calendar year. Findings 44 per cent of all space was devoted to football 68 per cent of total space was devoted to all sports 7 per cent was devoted to faculty and 0.41 per cent to curriculum.

2508 Moseley Joel Nathaniel Major factors and features of college administration Doctor's thesis 1930 University of Texas Austin

2509 Mosher Esther Naomi Baccalaureate degrees North central association quarterly 4 4 3-83 March 1930

This paper is a digest of a thesis prepared from material in the office of the Commission on higher education. The purpose of the study was to make a comparison of the various baccalaureate degrees offered by colleges and universities which are members of the North central association of colleges and secondary schools.

2510 Moss Ralph H. Status of the master's degree in education Master's thesis 1930 George Washington university Washington D C 60 p ms

A questionnaire study of requirements for and administration of the master's degree in education. Findings: There is need for standardization and norms for practice.

2511 Nelson M J The predictive value of the freshman tests as indicated by grades earned in the fall term 1929 1930 Iowa state teachers college Cedar Falls 4 p ms (Research report no 2)

Research report no 1 also deals with the freshman testing program.

This study indicated the extent to which the freshman tests used were capable of selecting students who would do superior average or inferior work. The high school content test and the reading test appear to be superior in predicting scholarship for all students in all subjects.

2512 ——— Some data from freshman tests School and society 31 77-74 June 7 1930

Four tests were administered to all entering freshmen of Iowa state teachers college. Students enrolled on the B. A. curriculum or the courses in music elementary education kindergarten and primary education commercial education and home economics education earned relatively high scores as compared with the students pursuing a B. S. curriculum or a course in manual arts education and rural education. All the tests employed are about equally capable of predicting failures in college work in general with the advantage slightly in favor of the English tests.

2513 New Trier township high school Winnetka Ill. Department of reference and research The academic work of New Trier students as freshmen at Northwestern university first semester 1929-1930 1930 2 p ms

Furnishes a composite picture of the work of New Trier students at Northwestern as freshmen. Data indicate that most of the students do about the same grade of work in college that they did in high school.



2514 Newcomb, T M and Watson, Goodwin An experiment in having graduate students score their own test papers Educational administration and supervision 16 20-33 January 1930

About 20 per cent of 238 students raised their scores These students averaged less capable in intelligence and achievement than the trustworthy ones Marked concern over grades was a contributing factor in certain cases

2515 Nunn, Lillian V Preliminary testing and orientation courses at Duke university, 1924-1928 Master's thesis 1930 Duke university, Durham, N C

A study of the prognostic value of preliminary tests administered to freshmen, with a further study of the value of remedial courses for the weaker students

2516 O'Brien, F P What students say about college instruction and instructors University of Kansas bulletin of education 2 20-26, April 1930

The testimony of 957 students representing 25 schools of departments in the University of Kansas was secured as to the best college teacher the chief values of university training, the extent to which cribbing is practiced and the courses most disliked

2517 Odell, C W Predicting the scholastic success of college students. Urbana, University of Illinois 1930 43 p (University of Illinois, vol 28, no 5, 1930 Bureau of educational research, Bulletin, no 52)

This study deals with an attempt to follow almost 2 000 college freshmen through their college careers and to correlate their persistence in college and their marks with factors which have predictive value These include high school marks intelligence-test scores occupational intentions and so forth The findings are on the whole very similar to those of other like studies They indicate that a fair degree of correlation may be found with selected criteria but that it differs markedly for different college subjects

2518 Oklahoma agricultural and mechanical college, Stillwater, Okla [Studies made of the faculty, students, etc., of the Oklahoma agricultural and mechanical college] 1929-1930

Faculty grade distribution 7 p, 5 p, length of service of professors, 10 p, faculty training and salaries 12 p, working loads of faculty, 51 p, 27 p, faculty training and tenure, 13 p, freshmen problems, 13 p, grades of college students 8 p, number of classes and class size, 1 p, age of resident students 2 p cost of living and student employment, 7 p, unit cost of instruction, 45 p, extent of territory served 3 p, effect of national prosperity upon enrollments in colleges 3 p effect of increasing numbers of high school graduates upon enrollments in colleges 1 p Oklahoma agricultural and mechanical college compared with the land grant colleges of 10 bordering states, 4 p; efficiency of classroom use, 21 p

2519 Palmer, Archie M Newly elected college presidents School and society, 30 852-56, December 21, 1929

Thirty five new college presidents were elected during 1929 Every one of them has had previous experience of an educational character All except the graduate of the United States naval academy have baccalaureate degrees, 15 have attained the doctorate and 14 others have masters degrees Only 14 of them have had previous pastoral experience or theological seminary training Among the new presidents there is a full recognition of the function and value of the undergraduate college of liberal arts and sciences and a positive expression of the conviction that it is the critical link in our educational chain

2520 Patterson, Herbert A statistical study of college students' views of classroom teaching In Oklahoma academy of science Proceedings, 1930 Norman, University of Oklahoma, 1930 p 43-47

2521 Payne, Arthur F An experiment in human engineering at the College of the City of New York School and society, 32. 292-94, August 30 1930

In an attempt to study in a scientific way the raw material that is entering the College of the City of New York five standardized tests were given entering freshmen, 2 653 in number, who entered in February and September 1929 and February 1930 Five hundred and ninety eight sophomores were given one intelligence test that would indicate whether they were more likely to succeed in business courses

2522 Perry, Edith A' study of the under-age freshmen at the College of the City of New York Master's thesis, 1930. Teachers college, Columbia university, New York, N. Y. 25 p ms

A study was made of 43 entering freshmen who were at least one year below the average age of entering freshmen at the College of the City of New York, and at least two years below the age of the average college freshman Compared with the average freshmen, the underage group showed a significant difference in intelligence in favor of the under age student; he is more likely to come from a smaller family than the older student Tests of introversion-extroversion and other environmental factors showed no significant difference between the under age and the average group

2523 Phifer, Clarence What effect does membership in a social fraternity at Wake Forest have on a freshman's chance to make good marks? 1930. Wake Forest college, Wake Forest, N. C

A statistical problem comparing the performance of Wake Forest freshmen who belong to social fraternities with those who do not Marks assigned at Wake Forest were compared with those made by freshmen on North Carolina high school senior examination

2524 ——— What effect does rooming in a college dormitory have on a freshman's chance at Wake Forest college to make good marks? 1930. Wake Forest college, Wake Forest, N. C.

A statistical problem comparing the performance of freshmen at Wake Forest who room in dormitories with those who room in town Marks assigned at Wake Forest were compared with those made by freshmen on North Carolina high school senior examination

2525 Pitts, Ralph Shaw. A survey of the development and meanings of degrees Master's thesis, 1930 University of Denver, Denver, Colo 44 p ms  
This is an investigation of the development and meanings of degrees from ancient to modern times The study covers the degree movement in Europe; the development of degrees in the United States of America; degrees for women in America, and some criticisms of degrees as they are

2526 Pittsburgh. University. Division of higher education. Selection, retention, and achievement of the University of Pittsburgh class of 1928 1930. University of Pittsburgh, Pittsburgh, Pa.

2527 Plantinga, Sarah T. A study of the validity of a battery of mental tests in predicting college success. Master's thesis, 1930 Massachusetts agricultural college, Amherst. 167 p

Three intelligence tests were given to about 1200 college freshmen and a study was made to see to what extent the three tests predict school success better than one test.

2528 Poole, Genevieve. The intellectual ambition of seniors in the University of Iowa. Master's thesis, 1930 University of Iowa, Iowa City. 97 p ms

2529 Rutthoff, Edward F. The effectiveness of certain requirements in the selective admission of college students. School review, 37: 519-30, September 1929

Students who entered the University of Chicago as freshmen in October 1924 were studied for the purpose of analyzing the effectiveness of certain requirements which are or might be enforced in selecting those high school graduates who are to be admitted to college The students' average marks in their four years in high school, their scores on a psychological examination, and their average marks in the courses taken during the period from October 1924 to June 1926 at the University were considered In spite of the fact that each member of the class entering in 1924 had to have an average of at least 81.25 on the basis of a passing mark of 75, one third of the members of the class had falling college averages Findings: No method, or combination of methods, which may be employed at present can give an accurate forecast of the success or failure which all the members of a given group will experience in college work

2530 Pressey, Luella C. Some college students and their problems Columbus, Ohio state university press, 1929 97 p.

2531 Rainey, Homer P Some facts about college presidents School and society, 30 580-84 October 25, 1929

In an attempt to learn the professional training and history of college presidents data were taken from the College blue book for 1928 and "Who's who in America" Of the 192 presidents studied practically 97 per cent have been recruited from teaching and the ministry More college presidents teach Greek and Latin than any other subject. The median age of college presidents is 56.6 years The median age at which they become presidents is 43 years Almost half of the presidents have served for ten years or more in their present positions One-fourth of the presidents have had considerable experience in other presidencies before coming into their present positions

2532 Ratcliffe, Ella B Accredited higher institutions 1927-1928 Washington United States Government printing office, 1929 56 p (U S Bureau of education Bulletin 1929 no 7)

2533 Remmers H H The quality of freshman preparation then and now Lafayette Ind Purdue university, 1929 35 p (Bulletin of Purdue university, vol 30 no 2 December 1929 Studies in higher education 13)

Tests were given all engineering freshmen at Purdue university in November 1919 and the tests were also given to engineering freshmen at Purdue in November 1929 The comparative data on the basis of six identical tests showed a marked average superiority of the freshmen of 1929 as against those of 1919 in all tests the general content of which is taught in high school The single exception was the test of technical information the content of which is not taught in high school

2534 Retzlaff, Alice The graduate students School of education record (University of North Dakota), 15 43-48 November 1929

An analysis of the graduate students enrolled during the summer session of 1929 at the University of North Dakota showing the social composition collegiate training and major and minor fields of interests

2535 Reyes, Jose Filipino students in the United States (Northwest) 1930 Reed college Portland, Oreg 197 p ms

Gives the results of a survey of literature, visits to institutions numerous conferences with groups and individuals and questionnaires

2536 Rule, Edith A ritual in the form of a dramatic production for the induction of college freshmen. Master's thesis, 1930 University of Iowa, Iowa City 600 p ms

2537 Rustmeyer, Theresia An examination of the records of superior undergraduates Master's thesis, 1930 University of Southern California, Los Angeles 133 p National education association Department of secondary school principals bulletin 34 55-56 January 1931 (Abstract)

Based on college records of B average and higher of major students in three graduating classes of the University of California at Los Angeles the study attempts to determine what may be expected of a superior student in a large university Data indicate that the average student is less specialized less narrowed on the average than is the B major student

2538 Salter, Randolph C Happiness self estimates of young men Doctor's thesis, 1930 Teachers college Columbia university, New York, N Y

Over 500 young men answered questionnaires covering self-estimates of happiness and many other facts involving family situation schooling vocation health, sex religion abilities etc Indications appeared at many points in the study that general happiness is a fairly consistent attitude that can not clearly be attributed to one or to a few causes alone but that seems to influence the personality in many ways and to color many of the reports regarding self that are given

2539 San Francisco, Calif Public schools Department of educational research and service Higher institutions attended by recommended and partially recommended San Francisco high school graduates, 1928-1929 1930 6 p (Bulletin no 13)

Of 2 285 total graduates 728 went on to higher schools of the 728 high school graduates who went on 421 were fully recommended according to the University of California standards 311 were partially recommended, 184 of the graduates went to junior college

2540 Schrammel H E and Wood E R Success and failure of college students Emporia Kansas state teachers college 1930 103 p (Studies in education vol 1 no 3)

A follow up study of the freshmen who entered the Kansas State teachers college of Emporia in the years 1924-1929 to find the relation between entrance test rank and persistence in attendance and between entrance test rank and academic success in all departments.

2541 Shields John Erwin A comparison of the achievement records made in college by students admitted from small and large high schools Master's thesis 1930 University of Chicago Chicago Ill 62 p ms.

Two hundred cases were studied from each group Findings The general average grades received in college by students admitted from small high schools tend to be slightly lower than those received from students from large high schools As many students if not more of those admitted to college from small high schools will be graduated with honors than is true of those admitted to college from large high schools Students entering college from small high schools are less likely to be disciplined than are those entering from large high schools

2542 Shuttleworth, Frank R. Environmental and character factors involved in scholastic success 1926-1927 to date Journal of educational psychology 20 424-33 September 1929

Three tests were given to 486 men and 267 women freshmen entering the University of Iowa in the fall of 1926 The scores from the three parts of the test were combined and treated statistically The composite information blank yields a prediction of first semester grades which compares favorably with the predictive power of the four entrance examinations at the University of Iowa This study reports some success with eight analytical scores measuring factors other than intelligence which are involved in scholastic success.

2543 Smith, James Millard An investigation of the scholastic achievement of certain college groups. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 40 p ms

A comprehensive study of the scholastic achievement as indicated by teachers marks of those students at the West Tennessee state teachers college who were self-supporting or partially self-supporting and those who were not of those who participated in extra-curricular activities and those who did not and of those who resided in the dormitories and those who lived in the city Findings College students who found it necessary to earn part or all of their expenses did so at a loss in scholastic achievement participation in extracurricular activities interfered very little with scholastic attainment dormitory life is conducive to better school work in the case of freshmen and sophomores

2544 Smith Sarah Olive A study of intelligence quotient and high school grades as means of predicting success and stay in college Master's thesis 1930 Duke university Durham N C 168 p ms

A study to determine which of the two factors intelligence quotient or high school record is the better aid in predicting success and stay in college The conclusion is reached that in high schools keeping reasonably careful records a student's superior standing is an excellent indication of success and stay in college

2545 Stewart, J S Record of students entering Georgia college 1928-1929 Athens, Ga., University of Georgia 1929 60 p

2546 Stogdill, Emily Leatherman The maladjusted college student--a further study with results Journal of applied psychology 13 440-50 October 1929

A study was made of the first 187 students who used the Student consultation service of Ohio state university Findings The clinical method is of the greatest importance educationally as well as personally It teaches the student to make a thoughtful rather than an emotional approach to his own difficulties

2547 Storch John Paul Myles. A study of attendance-submission in college students Master's thesis, 1930 University of Colorado Boulder Univer-sity of Colorado studies 18 109 December 1930 (Abstract)

An investigation undertaken to discover the relationship between scores obtained on Allport's A S reaction study and college student's performance. Data were collected

from 623 students in the State teachers' college, Mansfield, Pa., by means of Allport's reaction study and a questionnaire. Data indicate that the majority of the students in this college are predominantly submissive.

\* 2548 Stover, Webster Schultz. Alumni stimulation by the American college president. Doctor's thesis, 1930. Teachers college, Columbia university, New York, N. Y. New York city, Teachers college, Columbia university, 1930. 127 p. (Contributions to education, no. 432).

The problem of effective alumni stimulation is one of prime interest to college presidents and alumni secretaries. This study, which traces the trend of alumni stimulation by the American college president from 1836 to 1928, will be of value to a college administrator in inaugurating an alumni program that should go a long way toward solving the particular problems of his institution's financial support.

2549 Stowe, A. Monroe. Studies in collegiate education. A bibliography on recent literature on collegiate education. Lynchburg, Va., Lynchburg college, 1930. 44 p. (Bulletin of Lynchburg college, vol. 4, no. 3, June 1930).

A list of 1,040 references, arranged alphabetically by author, with a topical index appended.

2550 Strayer, George D. and Engelhardt, N. L. Preliminary report on publicly supported higher education in the State of Missouri. Jefferson City, Mo., State superintendent of public schools, 1930. 575 p.

2551 Sumrall, William Herbert. The social, economic, and vocational status of graduates of a liberal arts college for men (Mississippi college). Doctor's thesis, 1929. Indiana university, Bloomington. 259 p. ms.

2552 Taylor, Mary Barbara. Honor courses in colleges and universities. Master's thesis, 1930. Occidental college, Los Angeles, Calif.

2553 Teachers college bulletin on higher education. Prepared by the Teachers college staff in higher education. Vol. 1, nos. 1-2, March, May, 1930. New York city, Teachers college, Columbia university, New York, N. Y.

2554 Tomlinson, Brian Earle. A prognosis of academic success of college freshmen based on tests of intelligence and previous preparation. Doctor's thesis, 1930. Ohio state university, Columbus. 150 p.

This is a problem in higher education and represents an attempt to predict academic success of college freshmen based on intelligence and previous preparation tests. Correlation techniques were used. Findings: The group intelligence test was the best single predictive agent for general scholarship, but the correlations were not high. For specific courses subject matter tests were much superior to the intelligence test. The conclusion is that more attention should be given to predicting specific scholarship on the basis of tests in specific subjects. The predictions are markedly higher in the specific than in the general fields.

2555 Touton, Frank C. A study of continuity of lower division enrollment in relation to selection of scholastically able students. California quarterly of secondary education, 5: 127-30, January 1930.

A study was made of the continuity of enrollment in relation to initial records of scholastic aptitude for a group of 576 freshman entrants to the University of Southern California in the fall of 1923. Data indicate that the processes of elimination during the four consecutive semesters bring about only a slight degree of selection whether the trait considered is reading ability or general scholastic ability.

2556 Umstadtd, J. G. Student self support at the college level. Doctor's thesis, 1930. University of Minnesota, Minneapolis.

2557. United States. Office of education. Statistics of universities, colleges and professional schools, 1927-1928. Prepared in the Statistical division by and under the supervision of Frank M. Phillips, chief. Washington, D. C., United States Government printing office, 1930. 194 p. (Bulletin, 1929, no. 38).

Advance sheets from the Biennial survey of education in the United States, 1926-1928. A report of 1,076 universities, colleges, and professional schools, of which 226 are under public control, and 850 are under private control. Included in the total number

are 176 schools of theology 136 law schools 73 schools of medicine 41 schools of dentistry 66 schools of pharmacy 8 schools of osteopathy and 10 schools of veterinary medicine

2558 Van Wagenen Marvin J Instructional measurement and research in higher education. 1939 University of Minnesota Minneapolis

2559 Veit Mathilda H The Oregon state board of higher curricula Master's thesis 1930 University of Oregon Eugene 74 p ms

History of the State board of higher curricula

2560 Waterhouse Mildred Eldridge Orientation of freshmen at the University of Denver Master's thesis 1930 University of Denver Denver Colo 153 p ms

An attempt to state briefly the nature of the orientation development together with the accepted types in use at present in American institutions with a consideration of the situation at the University of Denver and discussion of the types of course given as orientation

2561 Watson Goodwin Happiness among adult students of education Journal of educational psychology 21 79-109 February 1930

Comparison of 50 happiest 50 average and 50 unhappy students among 400 graduate students average are 30 showed happiness related to sex adjustment self confidence ease in social relationships superior health harmony in the home interest in work unrelated to intelligence age school achievement extracurricular participation socioeconomic status nationality artistic talents etc

2562 ——— Survey of student life at Virginia polytechnic institute Blacksburg Va [1930] Virginia polytechnic institute Blacksburg 500 p ms

Includes tests of religious and social attitudes studies of maladjustment analysis of life histories of students collections of opinions of students faculty and alumni analysis of membership equipment program publicity and finance in the college Y M C A

2563 Weeks Helen Foss Factors influencing the choice of courses by students in certain liberal arts colleges Doctor's thesis 1930 Teachers college Columbia university New York N Y

Answers to a questionnaire listing 48 possible reasons for taking courses were received from over 500 senior students in the liberal arts courses of ten institutions of collegiate rank The most frequent reasons for selection were requirements occupations subject matter culture It is recommended that the number of specific requirements be reduced the needs of prospective teachers be considered in selecting content and in planning presentation of courses in academic subjects courses be organized to further existing interests and develop new ones orientation courses in psychology sociology philosophy and biology be offered in the sophomore year natural sciences mathematics and physical education be presented so as to develop an appreciation of the cultural value of these subjects better teaching professors be selected importance of a rich home environment be emphasized as a factor in guidance

2564 West R. M Report on the cooperative experiment on measurement of student load Bulletin of the American association of collegiate registrars new ser vol 4 no 4 July 1929 p 223-48

From this study it would appear that the present method of counting individual enrollments not only fails to provide an adequate index of student load but results in figures which while purporting to represent student load are actually misleading and without value for comparisons between institutions

2565 Whitney, F L Condit P M and others Thesis requirements for prospective Phi Delta Kappa members 1929 Colorado state teachers college Greeley Colo 14 p

A report of attitudes and practices in all Phi Delta Kappa chapters on the neophyte's thesis and on the meaning of educational research

2566 Wood A. V Remedial work with failing college students an experiment with various methods 1929 Rockford college Rockford Ill 10 p ms

A study adapted to Rockford college situation This study is in a sense completed with each class of students, as measurable results are secured On the other hand it

is a wider project to be carried on each semester over a period of years thus securing more adequate methods and reliable results. Greater effectiveness has been found in the combined psychology of study class and case work methods than in personnel advisory system.

2567 Young Alfred Coombs A history of the administration of Stanford university Master's thesis 1930 Stanford university, Stanford University Calif

See also 3 7 11 14 21 23 27 38 45 156 281 329 668 1856 1865 1887 1890 1904 2028 2034 2039 2043 2049 2051 2054 2077 2083 2093 2104 2181, 2204 2206 2338 2344-2345 2350 2364 2394 2679 2720 2748 2778 2910 2934 2991 3005 3013 3062 3072, 3088 3091 3106 3114 3130 3143 3146 3190 3238 3242 3276 3331 3363 3384 3386 3439 3449 3455 3466 3469 3479 3499 3501 3582 3611 3716 3720 3725 3742 3761 3767 3781 3786 3805 3818 3825 3835-3836 3839 3846 3865 3916 3961 3967 3982 3985 3998 4001-4002, 4014 4072 4077 4081 4119 4120 4125 4128, 4130 4134 4136 4138 4154 4156, 4181 4190, 4231 4233 4380 4391 4394 4414 4542, 4562-4563 4582, 4646 and under Education of women Professional education Special subjects of curriculum

### SCHOOL ADMINISTRATION

2568 Alexander Carter Organization for the coordination of business and professional services American school board journal 80 39-40 March 1930

In an attempt to determine whether the business manager should be under the school superintendent coordinate with him or superior to him and dealing directly with the board of education a study was made of present school practice business practice views of authorities in school administration and the results of research studies

2569 Armstrong A E The social composition of district boards of education in Minnesota Master's thesis 1929 University of Minnesota Minneapolis

2570 Ayer Fred C The duties of public school administrators. American school board journal 79 42-53 119-20 August 33-34 136 October 39-40 128 December 1929 80 42-44 141-42 144 February, 43-44, 132, 134 March, 47-44 May 1930

Data were secured from a study of the administrative duties performed by 473 principals and superintendents in various parts of the United States.

2571 Battles, Lonzo Francis A study of the personnel of Oklahoma school boards in cities of population from 2000 to 5000 inclusive Master's thesis 1929 Oklahoma agricultural and mechanical college Stillwater

2572 Berquist E B The evolution of the local school unit in Minnesota. Master's thesis 1929 University of Minnesota, Minneapolis

2573 Blom E. C and White Dorothy Administrative and supervisory staffs of 20 cities with populations from 100 000 to 450 000 1929 Public schools Louisville Ky 7 p ms

2574 Book Clare B The extra mural control of the school Master's thesis 1929 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 228-29 November 1930 (Abstract)

2575 Bordner, Paul The literature of mathematical formulae of use to a school administrator Master's thesis 1930 University of Pittsburgh Pittsburgh Pa

2576 Boren, Howard G A handbook for the beginning superintendent 1929 Ohio state university Columbus 23 p ms

2577 Bowers C H (Portage Ia.) Analysis of teacher participation in administration of schools of Cambria county Pa [1930]

Reports from 21 of the 24 high school districts in the county studied showed that teacher participation in administration is improving but that there is still too much autocratic control. Standards are set up.

2578 Broome Edwin C What attributes contribute most to a superintendent's success. Nation's schools 5 21 21 May 1930

A study was made of the professional training of 14 superintendents representing cities ranging in population from 50 000 to 1 000 000 The opinions expressed in the replies to an inquiry showed surprising agreement as to the most important abilities that a superintendent should possess

2579 Brunstetter, M R Business management in school systems of different sizes Doctor's thesis 1930 Teachers college Columbia university New York N Y

Three large three medium size and three small New Jersey cities were studied Criteria for local school business management were set up and applied to data on business management of the school systems studied Conclusions were summarized with special reference to the needs of the smaller systems From the data presented it is evident that boards of education in small systems studied should enlarge their conception of the business nature of the educational enterprise

2580 Burkhard William John Accuracy of school population prediction Master's thesis 1930 University of California Berkeley University high school journal 10 254 December 1930 (Abstract)

An examination of those surveys predicting school population which have been published long enough to allow a check up of actual school enrollment against the predicted population with a view to ascertaining how accurate the predictions have been

2581 Burr Samuel Engle The selection of textbooks and the use of textbook rating scales American school board journal 70 130 August 1929

2582 California teachers association Research bulletin Papers by Elmer H Stoffelbach and Alfred E Lentz 1929-1930 San Francisco 1930 64 p

Many of these articles have also been published in the Sierra educational news for 1929-1930 Studies by E H Stoffelbach are on California school finances and living conditions of teachers and retirement salaries Studies by A E Lentz include tenure law injuries to pupils punishment of pupils deductions from teacher's salary liability of districts for negligent operation of motor vehicles right of teacher to refuse to teach outside of the district the married woman teacher inheritance tax teachers salaries equal salaries for men and women life diplomas and the right to employment district taxes married women and compulsory education high school district taxes counting attendance of pupils transportation separate schools for Mexican children teacher and the work men's compensation act etc

2583 Carson Edwin R A study of the requisitions in the Pittsburgh public schools Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 239 November 1930 (Abstract)

2584 Ching J Frederic A clerical survey of a city school system American school board journal 80 5-56 March 72 74 76 May 1930

A clerical survey was conducted in the Oakland public schools in order to prepare a basis of assignment of clerical help that will adequately meet the needs of the junior and senior high schools

2585 Cox Baird Faville Index numbers for school supplies Master's thesis 1930 Indiana university Bloomington 122 p ms

2586 Emmerth Rev Louis C Public school administration in Georgia Master's thesis, 1930 Catholic university of America Washington D C 35 p ms

2587 Engelhardt N L What is efficient school business administration? Classification of school systems according to the excellence and adequacy of their programs of business administration American school board journal 80 41-42 May 1930

The four school systems which the author ranked according to the character of their business practices represent a cross section of business organization and business practice in a state in which a survey of school systems had been made



2588 Faire Linus Aubrey The white schools of Lee county Ark Masters thesis 1930 George Peabody college for teachers Nashville Tenn 58 p ms.

A study of inequalities in educational opportunity provided in white schools of Lee county Findings Inequalities are largely due to organization and administration of schools

2589 Fiolek Stanley John The church's attitude toward the rights of the State in education Masters thesis 1930 St Louis university St Louis Mo

2590 Fowlkes John Guy Anderson G J, and Jones, Lee F Allotments and costs of janitorial engineering supplies American school board journal, 79 69 147-48 July 1929

A study was made of data secured by questionnaire from 30 cities representing 15 states, to determine current practices in the matter of unit amounts and cost of supplies used in the janitorial engineering department

2591 ——— and Buck John Preston Analysis of difficulties between school boards and superintendents in Texas as recognized by the presidents of the boards. American school board journal 79 43-44 125-26 August 1929

Results of a study made of 96 school board presidents relative to their relationships to the superintendents in their respective communities.

2592 Gerrets Rei Joseph L Public-school administration in Louisiana. Masters thesis 1930 Catholic university of America Washington D C 116 p ms

2593 Graves S Monroe. Report of the advisory committee on school administration Wellesley Hills Mass Public schools 1930 15 p

2594 Gray, Hob An analysis of administrative duties performed by superintendents of city schools in Texas Doctor's thesis 1930 University of Texas Austin

2595 Greene Charles E. Analysis of the methods of handling requisitions. 1930 Public schools, Denver Colo 7 p ms

A study of the present method and recommendations for changes in handling requisitions.

2596 Haga, Elza A. An examination of certain phases of the office of the State superintendent of public instruction in Pennsylvania Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 275-76 November 1930 (Abstract)

2597 Halverson J John and Glover O S What the school board wants to know American school board journal 81 45-46, July 1930.

The answers made by school board members to a check list of 76 items, were compared with the answers of school superintendents to the same check list It was found that the interest of board members in matters of school administration closely paralleled that of the superintendents.

2598 Hand H C Vocational histories of city school superintendents Masters thesis 1930 University of Minnesota Minneapolis

2599 Haynes, James Wilbur The administration of county purchasing of school supplies under the law of 1927 Masters thesis 1930 University of California Berkeley 37 p ms

A study to discover the methods employed in carrying out the provisions of the Act the ones which are in most general use and the ones which promise to afford the most satisfactory organization for carrying out the provisions of the law

2600 Hendricks Jake Jasper The superintendency of the small school system in Texas Master's thesis 1929 University of Texas Austin

2601 Hughes, W Hardin Cumulative survey Pasadena city schools. (Including a variety of studies in administrative research in graphic form) Pasadena Calif, Junior college press 1930

2602. Hunter, H T Administrative opportunities for men in the elementary schools of North Carolina 1930 Western Carolina teacher's college Cullowhee N C (Published in the Proceedings of the sixth annual North Carolina conference on elementary education)

2603 Indiana. Department of public instruction Administrative handbook for Indiana schools Indianapolis 1930 (Bulletin no 100 rev 1930)

2604 John, L O Corporate and other subdivisions of the states as organized for the control administration and supervision of schools Master's thesis, 1930 University of Minnesota Minneapolis

2605 Johns, R L and others Outlines for the self survey of a local school system 1930 Alabama polytechnic institute Auburn 45 p ms (Bulletin 1930 no 1)

2606 Johnson William Allison The duties of a superintendent versus his training Master's thesis 1930 Stanford university, Stanford University, Calif

2607 Jordan Eric C R The powers of a superintendent Master's thesis 1930 University of Iowa Iowa City ms

2608 Kirby, Byron C Evidences of inefficiency in school building control Elementary school journal 30 336-45 January 1930

Techniques in 30 modern elementary school units containing a total of 833 teachers and enrolling from 520 to 1500 pupils were studied to determine the extent to which inefficiency in school building control results from lack of effective organization lack of adequate administrative procedure and lack of scientific supervisory technique Data indicate that in most cases principals are inefficient with regard to organization participation in social activities administration and supervision and that there is need of skillful technique on the part of the principal

2609 Kohr, W Morris History administration and present status of mineral land grants in Ohio Master's thesis, 1930 Ohio state university Columbus

A study of land grants for the support of religion by the Congress of 1787 and the administration of these lands up to January 1 1930

2610 Kyle, Clyde John Madison A study of state board and county board methods of selecting county superintendents Master's thesis 1929 George Peabody college for teachers Nashville Tenn 62 p ms

2611 Lawritson Glenn Nelson Statistical measures used by school administrators Master's thesis 1930 University of Chicago Chicago, Ill

2612 Lischka Charles N, comp The case against a federal department of education Washington National Catholic welfare conference 1930 62 p

2613 Lorton, R L The status of clerical service in Ohio Master's thesis 1930 Ohio state university, Columbus

A study of all exempted villages all schools under county supervision small city high schools and science department heads in large cities Findings Most schools have no clerical service and such service is costing four and one half times more than is necessary

2614 McCharen Travis. A study of public school superintendents contracts. Master's thesis 1930 George Peabody college for teachers, Nashville Tenn 142 p ms

From a study of superintendents contracts throughout the United States it was found that the most desirable contract was one that contains those stipulations that make the instrument legal and binding on both the superintendent and board of education with an additional item to the effect that the superintendent shall be the executive agent of the board

2615 McClure Worth. What the school clerk does American school board journal 79 47-48, 122 December 1929

Tells of the duties of the school clerk in Seattle

2616 Macomber Freeman Glenn City school supply and equipment inventorying present status and needs. Master's thesis 1930 Stanford university Stanford University Calif

2617 Melby Ernest O A problem in the training and selection of the superintendent of schools. American school board journal, 79 38 November 1929

Data were collected concerning the training and experience of superintendents in cities of 10 000 to 20 000 population. It was found that a large proportion of superintendents secured their positions from high school principalships

2618 Metzger Lee J An analysis of the personnel of public school superintendents of the State of Iowa. Master's thesis 1930 University of Iowa Iowa City 104 p ms

2619 Miller Christian State and district requirements of administrative and supervisory officers. Master's thesis 1930 University of Chicago Chicago Ill

2620 Mullan J S Selection purchase storage and distribution of public school supplies. In National association of public school business officials. Proceedings 1930 Trenton N J Harrison press inc 1930 p 74-84

Gives the results of an investigation carried on to find out who determines the amount of money to be expended for textbooks and supplies what cities furnish textbooks and supplies free what cities have a central storeroom who makes the selection of textbooks and educational supplies etc

2621 National advisory committee on education Federal relations to education A memorandum of progress Washington D C [1930] 53 p

This is the report of President Hoover's National advisory committee on education the purpose of which is to give the proper chart by which to steer our educational course

2622 National education association. Department of superintendence Rules and regulations governing schools in cities over 20,000 in population. Washington D C 1930 14 p (Photostat)

An analysis of personnel groups and certain other topics included in the rules and regulations of 95 city school systems. Contains an annotated bibliography

2623 Nelson H C An analysis of the school population of District No. 65 Columbia Heights. Master's thesis 1930 University of Minnesota Minneapolis

2624 North Carolina State department of public instruction. Larger units of administration 1928-1929 Raleigh N C 1930 8 p ms

2625 Ohio education association Educational council The administrative organization of public schools in territory lying close to city and exempted village school districts in Ohio 1929 Columbus Ohio. 22 p ms.

The study involved 78 areas each of which included entire districts lying wholly or in part within five miles of the boundary lines of cities and exempted villages. Practically all of the 407 outlying districts included in the study lie within 10 miles of a city or exempted village. Data tend to confirm the growing belief that present district boundary lines are seldom in conformity with areas of common social and economic interests. The plan of organization most frequently recommended was that of uniting with the city or exempted village for all school purposes

2626 Polster Arthur Henry Rules and regulations for a school system in a city of 100 000 to 200 000 population. Master's thesis 1930 Stanford university Stanford University Calif

2627 Reavis W C and Woellner Robert Practices in general office administration in secondary schools. School review 37 687 96 November 1929

Of the 57 representative secondary schools studied 441 employ clerks and 497 have outer offices. Data reveal varied general administrative practices in the offices of secondary schools. Routine procedures are followed in the administrative offices of many secondary schools which are designed to systematize office administration and to conserve the time of administrative officers and to increase their efficiency. Data show a favorable trend toward efficient office administration

2628. Roberts, H C Fire and other insurance for public school property  
In National association of public school business officials Proceedings, 1930  
Trenton, N J, Harrison press, inc, 1930 p 35-74

A report of an investigation carried on by the research committee showing practices indicating methods of protection from hazards used by school districts throughout the country and experiences which record actual results from practices now obtaining

2629 Ross, Cameron M The relationship between the superintendent and boards of education in the second class cities of Iowa Master's thesis, 1930  
University of Iowa, Iowa City 125 p ms

2630 Shepherd, H. P Economy through efficient business management  
American school board journal, 80 70, 72, 74, 77, February 1930

Answers to a questionnaire sent out to business managers of cities of 100 000 or more population indicated many types of business economy in practice

\* 2631 Smith, Harvey A. Economy in public-school fire insurance. Doctor's thesis, 1930 Teachers college, Columbia university, New York N Y New York city, Teachers college, Columbia university, 1930 113 p (Contributions to education no 428)

2632 Smith, Henry Lester and Chamberlain, Leo Martin. An analysis of the duties of county school superintendents and superintendent of schools in certain cities in Indiana Bloomington, Ind, Indiana university, 1929 94 p (Indiana university School of education Bulletin vol 6 no 2, November 1929)

Bibliography on duties of city and county superintendents p 90-91

An investigation undertaken to ascertain the specific tasks of superintendents in small Indiana cities and county school superintendents and to discover how superintendents actually apportion their time

2633 Soper, Wayne W. Study of clerical duties of district superintendents conducted in cooperation with a committee from the Association of district superintendents [1930] State department of education, Albany, N Y

This study is based upon a diary kept by district superintendents for a period of a year in which were listed the various reports they were obliged to make with the time consumed for each In addition to this representative periods during the year were studied for the amount of time spent in correspondence mimeographing and other similar duties

2634 Sorenson, Glenn The city superintendent and the board of education Master's thesis 1930 University of Arizona Tucson 53 p ms  
An effort to determine relationships as they exist

2635 South Dakota Department of public instruction Administrative committee Administrative handbook on educational administration for the State of South Dakota Pierre, S D 1930 150 p (Bulletin no 3)

This handbook has been compiled with the needs of the small high schools in mind. All of the problems which deal with the organization and administration of the schools have been treated.

2636 Taylor, J W Insuring public school property in Mississippi Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 91 p ms

A study to determine what practices and procedures are followed in insuring public property in Mississippi Findings There are no school insurance laws in the State Property values are low hazards are great. The ratio of indemnity collected to premiums paid is 42.2 per cent.

2637 Tislinger, Richard Martin A study of some administrative aspects of the Cayuga Heights school with special reference to a program of expansion Master's thesis, 1929 Cornell university, Ithaca, N Y

2638. Travis, Vaud A. Supplementary books in the elementary schools Doctor's thesis, 1930 University of California, Berkeley 152 p ms

A study to determine what it costs individual districts to provide supplementary books in the elementary schools of the State of California where the law requires the State to

furnish the textbooks used in the elementary grades Findings The present provisions made by the State to supply free textbooks are inadequate the shifting of the burden of providing the books with which to carry on instruction in the elementary schools from the State to the individual districts has made it necessary to use funds intended for other purposes to provide these books the dual method of providing books in the State is inefficient and uneconomical

See also 89 1873-1874 1888 1924 2087 2100 2105 2108 2642 3175 and under County unit

#### EDUCATIONAL LEGISLATION

2639 Bowman Mary Belle The placing of the responsibility for the injury of children at school Masters thesis 1930 University of Cincinnati Cincinnati Ohio 73 p ms

A study of the common law specific cases as related to teachers superintendents boards and cities state school laws or codes in an attempt to place the responsibility for the injury of children at school in reference to the teacher superintendent school board and cities as to their authority liability and right to punish Findings Most of the states in both decisions and statutory enactments deal with corporal punishment and liability resulting from injuries thus received Neither the common law nor the statutes of a number of the states gives the school authorities any control over the child between the time school is dismissed and when he reaches home

2640 Bowman Warren Daniel The constitutional and legal basis of public school administration in Virginia Doctors thesis 1930 University of Chicago Chicago Ill

2641 Clarke Benjamin Franklin The constitutional basis of public education 1915-1930 Masters thesis 1930 University of Chicago Chicago Ill  
Classifies all of the constitutional provisions relating to education which are now in force

2642 Edwards I N Legal authority of boards of education Elementary school journal 30 291-92 December 1929 372-86 January 431-30 February 1030

This article explains the legal authority of boards of education in regard to physical examinations of pupils the employment of nurses dentists and physicians practice teaching in the public schools the employment of legal counsel insuring school property and teachers and delegating to agents the performance of purely administrative or ministerial duties.

2643 ——— Legal relation between school districts and municipalities Elementary school journal 30 734-45 June 1930

2644 Enloe E L Compilation of New Mexico school laws. Masters thesis 1930 University of New Mexico Albuquerque 140 p ms

2645 Grigg Claud Legislative basis for state support of public elementary and high schools in North Carolina since 1868 Masters thesis 1930 Duke University Durham N C 102 p ms

An attempt to trace the legislative development of state supported public education in North Carolina since 1868 in the light of what the development shows from time to time as to state ideals of control.

2646 Guenther, Henry William. The constitutional and legal bases of public school administration in Oklahoma Doctors thesis 1930 University of Wisconsin Madison 408 p ms

Formulates the basic principles underlying the school code in Oklahoma as shown by the Constitution the statutes and the decisions of the Supreme Court of the State and makes recommendations for desirable changes in the present code

2647 Harton Benjamin Love Jr The development of public education in South Carolina as revealed by legislative action and Supreme Court decisions Masters thesis 1930 Duke University Durham N C 108 p ms

A study of the material found in South Carolina session laws and Supreme Court decisions, throwing light upon the development of educational ideals in the State as revealed in legal form

2648 Keesecker, Ward W. *Digest of legislation providing federal subsidies for education 1929* U. S. Office of education, Washington, D. C. 63 p. ms.

2649 ——— *Review of educational legislation, 1926-1928* Washington, United States Government printing office, 1929 20 p. (U. S. Office of education Bulletin, 1929, no. 27.)

*Advance sheets from the Biennial survey of education in the United States, 1926-1928*

2650 Lide, Edwin Scott. *Legal basis of the organization, support, and control of city schools* Doctor's thesis, 1930 University of Chicago, Chicago, Ill. 322 p. ms.

2651 McEwen, Noble Ralph. *The legal development of education in Alabama as revealed through the statutes and Supreme Court decisions* Master's thesis, 1930 Duke university, Durham, N. C. 161 p. ms.

*A study of the historical development of education in Alabama as revealed through the statutes and Supreme Court decisions of the State to determine the legal origins of education in Alabama*

2652 Malan, Clement Timothy. *A legal study of the centralization of state control of education in Indiana, as revealed by constitutional provisions, legislative enactments, and Supreme and Appellate Court decisions* Doctor's thesis, 1930 Indiana university, Bloomington. 542 p. ms.

2653 Matzen, John M. *State constitutional provisions for education. Fundamental attitude of the American people regarding education as revealed by state constitutional provisions, 1776-1929* Doctor's thesis, 1930 Teachers college, Columbia university, New York, N. Y.

*Constitutional provisions relating to education adopted by each of the several states were studied. Findings are treated under the headings: state board of education; chief state school officer, chief county school officer, county board of education, federal land grants for state normal school; and state permanent common school funds*

2654 May, Max Roach. *The nature and frequency of Iowa Supreme Court cases in school law for the period 1915 to 1925* Master's thesis, 1930 University of Iowa, Iowa City 76 p. ms.

2655 Monroe, Ernest F. *The legality of school publicity by boards of education* American school board journal, 81: 34, 112, August 1930

*The purpose of this study was to ascertain the extent of the legal right for boards of education to expend public money for school publicity purposes as evidenced by judicial decision. The study involves the examination of the several state and sectional reports of court proceedings. Data indicate that school boards will generally be sustained by the courts in the reasonable use of publicity.*

2656. National education association. *Research division State school legislation, 1929* Washington, D. C., 1929 57 p. ms. (Studies in state educational administration, no. 1)

*Summarizes important state school legislation enacted during 1929*

2657 Newson, N. William. *Legal status of the county superintendent.* Doctor's thesis, 1930 New York university, New York, N. Y. 261 p. ms.

*A study of the legal status of the county superintendent in the several states of the United States, including four minor problems. Early development of office; trends in legal prescriptions during periods of 1850, 1905, and 1930; bases of evaluation of the present legal status of the county superintendent, and evaluation of the legal status of the county superintendent at the present time*

2658. Reeder, Fred N. *Judicial interpretation of the school laws of Pennsylvania* Master's thesis, 1930 University of Chicago, Chicago, Ill.

*A study of the principles of common, statutory and constitutional law of Pennsylvania as interpreted by the Supreme Court in its decisions relative to school problems*

2659. Rhoades Loren E. Legal duties of the county superintendent. Master's thesis 1930. University of Cincinnati Cincinnati Ohio 51 p ms.

The author investigated the statutes of 48 states. Findings: The county superintendent is primarily a professional and clerical officer whose duties are to discern to advise and to administer. Only a few states entrust the county superintendents with a strong assignment of professional duties and give them the power to discharge those duties. In other states he is a political officer with little real power. His duties should be sharply defined and power should be given him to discharge them.

2660. Ritenour F C. Interpretation of Indiana school laws by the Supreme Court. Master's thesis 1930. Butler University Indianapolis Ind.

A study of the Indiana Supreme Court decisions as they relate to the public school laws of Indiana, in order to show the effect of these decisions upon the operation of the laws studied.

2661. Seyfried John Edward. The contractual status of California city school superintendents. Doctor's thesis 1930. University of California Berkeley 161 p ms.

2662. Shaw Ira D. Trends of educational legislation in Kentucky. Master's thesis 1930. George Peabody College for Teachers Nashville Tenn 90 p ms.

2663. Soper Wayne. The federal courts and the public schools. American school board journal 79 37-39 October 1930.

The author gives an analysis of federal court decisions regarding the public schools with reference to trends of decisions.

2664. Verner James Spencer. The powers and duties of the South Carolina board of education as found in the statutes and court decisions. Master's thesis 1930. University of South Carolina Columbia.

2665. Waterson Corwin E. The operation of the Barnes high school law in Kansas. Master's thesis 1929. University of Kansas, Lawrence. University of Kansas Bulletin of education 2 27-32 December 1929. (Abstract)

2666. Weltzin J Frederick. The legal authority of the American public school as developed by a study of liability to damages. Doctor's thesis 1930. University of North Dakota Grand Forks 239 p. (School of education bulletin no 7 July 1930).

Contains chapters on the nature of the public school corporation, its status, its work, municipal liability, tort liability, liability of school officers, and liability of teachers and administrators.

2667. Woodburn Wiley S. A study of school litigation in Allegheny county Pa. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 411-12, November 1930. (Abstract)

See also 13 9<sup>o</sup> 1447 10<sup>o</sup> 1 1035 2227 2240 2244 2253 2263 22 5 23<sup>o</sup> 2,8<sup>o</sup> 2698 2700 2<sup>o</sup> 11 2712 2723-2724 2740-2<sup>o</sup> 41 2890 2895 3040 3407 3418 3461 3465 3817

#### EDUCATIONAL FINANCE

2668. Andrews Robert Lee. Publicity of school finances. Master's thesis, 1930. Duke University Durham N C.

A survey of the legal requirements of the various states in the attempt to determine what statutes most adequately meet the need for publicity of school finances. Includes such questions as: What items are required to be published in what form and through what media with what degree of compulsion and with what results with special reference to North Carolina.

2669. Cammack, James W Jr. A brief review of current state support of common schools in Kentucky. In Kentucky Department of education. Biennial report of the superintendent 1929. Frankfort Ky., 1930 p 34-6.

Shows the amount of state support provided for elementary and secondary schools in Kentucky from 1793 to 1930.

2670 Carpenter, Joseph E. How would school finances in Douglas county, Kans., for the school year 1928-1929 have been affected by the application of the recommendations of the school code commission Master's thesis, 1930 University of Kansas, Lawrence

2671 Carpenter, W. W. and Flowers, L. Eugene. Evaluation of certain plans of financing education in South Carolina Peabody journal of education, 7: 37-41, July 1929

A study was made of four plans of financing used in South Carolina for the nine months school. Data indicate that the maximum participation by the local districts is worse than no participation

2672 Carroll, Charles Fisher, jr. Taxation supplementary to state support of schools in North Carolina since 1868 Master's thesis, 1930 Duke university, Durham, N C 183 p. ms

An attempt to show the extent of taxation supplementary to state support of schools in North Carolina since 1868, and to define the causes and results of such supplementary taxation

2673 Clark, Harold F. Index of school bond prices. American school board journal, 79: 72, July; 68, August; 68, 118, September, 62, October; 94, 96, November, 115-16, 118, December 1929

2674 Condit, P. M. Sources of income for state teachers colleges and state normal schools Greeley, Colorado state teachers college, 1929 68 p. (Colorado state teachers college bulletin, ser 29, no 5, August 1929 Research bulletin no 14)

A complete report on all types and amounts of revenue used by all state normal schools and state teachers colleges in terms of totals, chief sources and student units

2675 Davis, Donald P. Financial policies in the school district of Arnold, Pa Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27: 251-52, November 1930 (Abstract)

2676 Davis, H. H. Tax situation in Ohio counties and cities. [1929] State department of education, Columbus, Ohio

2677 Delker, Samuel E. Sources and methods of raising and distributing public school revenues in the United States and their relation to the equalization of our school tax burden Master's thesis, 1930 University of South Dakota, Vermillion 110 p. ms

2678 Frasier, George Willard, and Whitney, Frederick Lamson. Teachers college finance Greeley, Colorado state teachers college, 1930 500 p (Education series no 10)

2679 Greenleaf, Walter J. Financial support of colleges and universities, 1927-1928 Washington, D C., U S Office of education, 1930 4 p. ms (Circular no 6)

Data on the financial support of colleges and universities were taken up under the following subjects. Privately controlled institutions; publicly controlled institutions; land grant colleges and universities; tuition and fees, endowment income, state and municipal funds, federal aid; and private gifts.

2680 Grimm, L. R. Ranking of counties of Illinois in ability to support education, in effort, and in the efficiency of their school systems 1929 Illinois state teachers association, Springfield, Ill. 18 p. ms

2681 Hamtramck, Mich Public schools The budget procedure of the Hamtramck public schools, 1930-1931 1930 155 p. ms. (Research series no 4)

2682 Hensen, Carl Wallace The financial support of public education in Marathon county, Wis., 1928-1929 Master's thesis, 1930 University of Chicago, Chicago, Ill

A study of the social and economic resources of the county, the inequalities of educational support; the confiscatory character of the general property tax, and the terminal capital and operating costs



2683 Hattox John Stanley Funds necessary for raising Mississippi public schools to certain standard Masters thesis 1930 George Peabody college for teachers Nashville Tenn 80 p ms

2684 Hendrik Herman E. The problem of state support in Arizona Doctor's thesis 1929 New York university New York N Y

2685 Holy T C and Sutton D H Financial data for Ohio Educational research bulletin (Ohio state university) 8 366-68 November 6 1929

A summary of data collected from 81 cities and 43 exempted villages in Ohio showing valuation per pupil enrolled tax rate for school purposes tax rate for all purposes and bonded debt per pupil enrolled

2686 Iversen William Lincoln Statutory provision for financing education in the United States in 1840 Master's thesis 1930 Stanford university, Stanford University Calif

2687 Jaggars R. E. Budgetary procedures in the county school systems of Kentucky Doctor's thesis 1930 Cornell university Ithaca N Y 261 p ms

2688 Jones G Lawrence An application of the large fund plan of school financing to the public schools of Indiana Master's thesis [1930?] Indiana state teachers college Terre Haute 129 p ms

2689 Jones J W The distribution of school revenues 1930 Indiana state teachers college Terre Haute 7 p ms

2690 ——— Present day problems in school finance in Indiana 1930 Indiana state teachers college Terre Haute 12 p ms.

2691 ——— A report on the supervision of state aid in Indiana. 1930 Indiana state teachers college Terre Haute 17 p ms

2692 ——— A selected and annotated bibliography of public school finance 1930 Indiana state teachers college Terre Haute 23 p ms

2693 Jory Harold Budd Tax delinquency and its implications for public school finance Master's thesis 1930 Stanford university Stanford University, Calif

2694 Kansas State department of education Practical application of the financing plan of the proposed school code of Kansas to the various school districts arranged by counties [1930]

2695 Ketler Franklin Courtney Reserve funds in public school finance Doctor's thesis 1930 Teachers college Columbia university New York N Y

The various kinds of reserve funds are studied. Interim building sinking fund insurance and contingency. They are evaluated in the light of the following criteria financial procedure serving to keep the burden on the taxpayer at a minimum safeguarding the public money and promoting ease of administration. The author offers suggestions as to sound procedure in the practical and economic limitations of reserve fund financing

2696 King, Dana M (Clymer N Y) Procedures in budget making in the village and centralized school systems of New York State [1930]

Questionnaire study from over 300 schools maintaining a four year high school in villages under 8 000 population

2697 King Harry B Public school finance in the State of Delaware. Doctor's thesis, 1929 New York university New York N Y

2698 Koch J Wilbur Constitutional provisions for permanent common school funds in the several states Master's thesis 1930 Ohio state university, Columbus

Sources (federal and state) methods of preservation and distribution of the fund are tabulated and contrasted.

2699 Lewis Archie Boyd. Relation between public-school support and financial ability in Texas and other states Master's thesis, 1930 University of Texas Austin.

2700 Lindahl, Viva May Statutory provisions for financing education in the United States in 1895 Master's thesis, 1930 Stanford university, Stanford University, Calif

2701 McCreight, Elizabeth Ivy. Public-school revenues apportionment, and costs in Arizona Master's thesis, 1930 University of Southern California, Los Angeles. ms

2702 Maher, Vincent Paul. Student body finances their administration Master's thesis 1930 University of Southern California, Los Angeles ms

2703 Millier, Glenn Eugene School bonds issued in the State of Nebraska, 1920 to 1928 Master's thesis 1929 University of Nebraska, Lincoln 77 p ms Educational research record (University of Nebraska), 2 153-63 April 1930 (Abstract)

An analysis of the kinds and types of school bonded indebtedness that have been assumed by Nebraska school communities during the past seven and one half years in order that the same may be better understood and the best financial policy for other communities indicated

2704 Morgan, W. E. Analysis of public-school finance in California 1930 State department of education Sacramento, Calif California schools, 1 49-55 March 1930

2705 Morison, Wilbur Cyrus Apportionment of school funds Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 77 p ms

2706 Morse, Herbert N and Anderson, Charles D Distribution of state aid to districts in New Jersey [Paterson N J] State federation of district boards of education of New Jersey, 1929 353 p (Financial series vol no 2)

The sources of income for state aid and the various types of schools and of districts which should receive aid were studied and compared statistically for the years 1926-1927 and 1927-1928

2707 National education association Research division. School revenues and new methods of taxation Washington, D C 1930 12 p ms (Studies in state educational administration, no 2)

2708 ————— Investing in public education Washington, D C, 1930 (Research bulletin vol 8, no 4, p 166-219)

2709 Norstad E O Public-school indebtedness in North Dakota Master's thesis 1929 University of Minnesota, Minneapolis.

2710 Oberson, Louis Edward. The status of the county in financing education in the states west of the Mississippi. Master's thesis, 1930 Stanford university, Stanford University, Calif

2711 Ohio education association A brief study of the proposed constitutional amendment permitting classification of property for taxation and placing a limitation of 15 mills on total rates of taxation\* Its character and possible effects 1929 ms.

2712 Pendleton, James Henry Statutory provisions for financing public education in the United States in 1895 Master's thesis 1930 Stanford university, Stanford University, Calif

2713 Pennsylvania. Department of public instruction. Report of the commission to study the distribution of subsidies to school districts, 1929 Harrisburg Pa, 1930

2714 ————— A uniform accounting system for school districts Harrisburg, Pa., 1929 20 p (Bulletin no 50)

2715 Rankin, Christopher Van Rensselaer The reorganization of finances of the schools in Sedgwick county Master's thesis 1930 University of Wichita, Wichita, Kans. 87 p ms.

2716. Reavis, W C and Woellner, Robert The administration of the budget in secondary schools School review, 37 589-97, October 1929

Most of the principals of the 522 representative secondary schools studied have budgets to administer The data presented in this article indicate the trends of budgetary practices and should enable principals to increase their efficiency as school administrators

2717 Shaw, Leslie P A study of delinquent and insolvent taxes of independent school districts of Hale county, Texas Master's thesis, 1930 University of Colorado Boulder University of Colorado studies, 18 104, December 1930 (Abstract)

A study to determine whether boards of trustees of independent school districts in Texas are proving themselves efficient bodies through which revenue for public school purposes may be provided. A survey was made of tax procedure followed by school officials of independent school districts of Hale county

2718 Shipley A H A comparison of prices paid by central purchasing and individual district buying for school supplies American school board journal 79 50 142, 144 July 1929

This study shows a comparison between the purchasing plan through a central agent and the local buying of the individual school districts Actual prices paid by each district in Fresno county, Calif are compared with those paid by the purchasing agent in 1928

2719 Shower, George Nelson How Virginia finances her public schools. Master's thesis, 1930 University of Virginia, Charlottesville

2720 Smith, Harold T Recent trends in the investment policies of the endowed colleges of the Middle West Doctor's thesis 1929 University of Iowa, Iowa City ms

2721. Smith, J Edward Tax exonerations in certain school districts in Beaver county, Pa Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27 383-84, November 1930 (Abstract)

2722 Smith, W. Ray School depository and school treasurer American school board journal 80 67, May 1930

A questionnaire study was made to determine the feasibility of the school depository acting as the school treasurer in Pennsylvania Data indicate that the logical agency to be intrusted with the responsibilities of accounting for all school money is the well equipped bank which serves as the school depository

2723 Soper, Wayne W. The legal aspects of the rights and powers of school officials with respect to taxation American school board journal, 79: 43, 104, December 1929

A study was made of the legal aspects of the rights and powers of school officials with respect to taxation in the various states

2724 ——— What rights and powers have schools for taxation? American school board journal, 80. 55-56, May 1930

A study of the various state laws to determine the salient principles involved in persons and property exempt from taxation in levying assessments of school district taxes, and the rights and remedies of taxpayers.

2725 Staffelbach, Elmer H The severance tax idea applied to California mineral production California teachers association, San Francisco Sierra educational news, 25 30-34 September 1929

The author defines the severance tax and applies the principle of the tax to the various minerals produced in California in 1926 by county He favors the severance tax, as he feels that the present generation which is enjoying the benefits from the consumption of the mineral resources should make some provision for the needs of the coming generation

2726. Stable, Clyde V. A study in unified financial school support of Westmoreland county. Master's thesis, 1930 University of Pittsburgh, Pittsburgh Pa University of Pittsburgh bulletin, 27 389-90, November 1930 (Abstract)

2727 Stenquist John L and staff Analysis of the budget of the Department of education for 1930 Baltimore Md Department of education 1929 12 p

2728 Stillwell George B Proposed changes in public school support in South Dakota Master's thesis, 1930 University of South Dakota Vermillion 48 p ms

2729 Stoutemyer, J Howard The general property tax and public-school support Nations schools 4 69 73 September 1929

A study was made of the various types of taxes collected by the federal government and the state governments and their applicability to public school support

2730 Swift Fletcher Harper State systems of taxation for public schools—the Massachusetts plan American school board journal 79 49-50 July 1929

In a study of state systems of taxation for public schools it was found that Massachusetts is the only one in which the schools have a legal claim on the state tax

2731 ——— and Zimmerman Bruce Lewis State school taxes and school funds and their apportionment A report on the practices of the 48 commonwealths constituting the United States of America Washington Government printing office 1929 431 p (U S Office of education Bulletin 1928 no 29)

2732 Taff N O History of state revenue and taxation in Kentucky Doctor's thesis, 1930 George Peabody college for teachers Nashville Tenn 216 p ms.

A factual and interpretative study covering the entire history of the state

2733 Turnbull Lloyd W The redemption of school bond indebtedness in Eugene Master's thesis, 1929 University of Oregon Eugene 48 p ms.

A study of the method used by the Board of education School district no 4 Lane county Oreg in handling bonded indebtedness incurred for permanent improvements Findings System of refunding costs district 76 per cent in interest charges—pay as you go plan would save the situation

2734 Webster, Guy W A study of some problems in school supply accounting procedure in second class cities in Kansas Master's thesis 1929 University of Kansas Lawrence (Reviewed in University of Kansas Bulletin of education 2 15-16 April 1930)

2735 Whaley Otis A survey of state support of county public elementary school and high school education in Tennessee Master's thesis 1930 Duke university Durham N C 80 p ms

A study of the state public schools of Tennessee as compared with those of North Carolina and an analysis of the distributions of state funds to elementary and secondary schools

2736 Whaley W C Resources for the support of public schools in Drew county Ark Master's thesis 1930 University of Chicago Chicago Ill

This study seeks to find whether or not Drew county is financially able to support an adequate system of public schools under a more scientific plan of organization Studies were made of population resources income the district system methods of raising revenue the schools and changes which might lead to improved conditions

2737 Whitfield, G M Financing the Tacoma public schools June 1930. 117 p. ms (Mr Whitfield is principal of the Franklin school Tacoma Wash)

A study of Tacoma's ability to pay for schools the organization and administration of the Tacoma schools school costs school receipts etc Suggestions for an equitable and better scheme of taxation for school control are given

2738 Williams R. C Public school finance in Iowa Preliminary report. Des Moines, Iowa State department of public instruction 1930 56 p

Gives the status of types of school districts in Iowa and data on financial support costs and educational programs

2739 Williams Gerald Arthur Analysis of elementary school finance for Redwood City and of the schools of San Mateo County, 1910-1911 to 1928-1929 Master's thesis 1930 Stanford university Stanford University Calif

- 2740 Yakel, Ralph. The city government and its control over school expenditures American school board journal, 79: 39-41, August 1929  
Discusses the legal principles involved in the control of school expenditures  
See also 13, 16, 89, 1924, 1934, 2014 2582, 2645, 3033 3260, 3305, 3312, 3685 3705.

## COST OF EDUCATION

2741. Anderson, John Dickson Legal expenditure of public school funds in Pennsylvania Master's thesis, 1930 University of Pittsburgh Pittsburgh, Pa 151 p ms. University of Pittsburgh bulletin, 27 216-17, November 1930 (Abstract)
- 2742 Berning, T J A study of elementary and high school costs in districts maintaining class A high schools and high school departments. St. Paul Minn State department of education, 1930 58 p.  
From this study it was found that per pupil elementary costs were about the same in the two types of schools throughout the state, per pupil high school costs were much higher in the smaller districts
- 2743 Brooks, Mark L. Comparative cost of teaching industrial arts and the average of all other subjects in 32 schools in the State of Kansas school year 1927-1928 Master's thesis, 1930 Iowa state college, Ames 151 p ms  
Thirty two schools were selected with regard to classification geographical location population of city and other factors which would insure a fairly accurate cross section of the schools of the State as a whole Data were based on school year 1927-1928 showing the cost per pupil hour for teaching industrial arts to be \$0.2310 Average cost for all other subjects is \$0.1432
- 2744 Canopy, W. B A study of unit costs in the high schools of Tazewell county, Ill, for the year 1928-1929 Master's thesis, 1930 University of Illinois, Urbana 75 p ms  
In this study unit costs in 12 community high schools were compared
- 2745 Clark, James Russell. The daily instructional cost per pupil per subject in the high schools of Randolph county, Ind. Master's thesis 1930 Indiana university, Bloomington 87 p ms
- 2746 Clark, W. O Achievement and mental ability as factors in computing elementary school instruction costs Master's thesis, 1930 University of Iowa Iowa City 58 p ms
- 2747 Conrad, Paul Krug The cost of textbooks in Allegheny county. Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27. 214-45, November 1930 (Abstract)
2748. Cope, John Robert Cost trends for higher education in Missouri Doctor's thesis 1930 University of Missouri, Columbia  
A study of cost trends in the five state teachers colleges of Missouri from 1890 to 1930
2749. Davis, H. H. Unit costs in certain Ohio high schools [1930] State department of education, Columbus, Ohio
- 2750 Davis, H. M An intensive study of the organization and administration of the Moose Lake, Minn., public school, with special consideration of costs and financial practices Master's thesis, 1929 University of Minnesota, Minneapolis.
- 2751 Fisher, Gay E. A study of the expenditure of monies in the independent districts of Payne county, Okla (1919-1920 to 1928-1929) in relation to physical growth and teacher development. Master's thesis, 1930 Oklahoma agricultural and mechanical college, Stillwater

2752. Flayd J Denton. Relative cost of teaching industrial arts and other high school subjects in Oklahoma school year 1927-1928 Master's thesis 1929 Iowa state college Ames 187 p ms

A study of 40 schools located in all sections of the State of Oklahoma Findings Average cost per pupil hour of teaching industrial arts in \$0.1591 other subjects \$0.0991

2753 Greene Charles E Analysis of the unit cost of education in junior high school for 1927-1928 and 1928-1929 1930 Public schools Denver Colo

2754 Grassnickle Foster E Capital outlay in relation to a state's minimum program Doctor's thesis 1930 Teachers college Columbia university New York N Y

Expenditures for debt service and current expenses for each school district in New Jersey were secured for each year from 1919 to 1928 inclusive and studied to find a scientific means of distributing state aid to support a minimum program for capital outlay Data indicate that there was a linear relationship between capital outlay and current cost until a level of the minimum current program reached about \$3 000 per teacher From that point a non linear relation existed between the two variables

2755 Haddock, Richard Abraham The support of public education in Sampson county N C Master's thesis 1930 Duke university Durham N C

A study of expenditures for public education in Sampson county showing what the county is receiving per pupil enrolled per pupil in average attendance and per teacher employed

2756 Heggerston A. I. An analysis of costs in city school systems Master's thesis 1930 University of Minnesota Minneapolis

2757 Hill George Manett A study of the operation of school plants and certain current expenses for supplies Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 201-02 November 1930 (Abstract)

2758 Hollifield J F A study of costs of instruction in vocational schools. Master's thesis 1929 Virginia polytechnic institute Blacksburg

A study to determine the costs in vocational and non vocational high schools in the State Findings Costs were higher in vocational schools than in non vocational and the average there was far more difference between individual schools than between the two groups etc

2759 Hood J T Jr Instruction costs in typical small high schools National schools 4 63-68 September 38-42 November 1929

A study of instruction costs in 56 small four year high schools in Massachusetts Presents a program of studies to meet the needs of the pupils enrolled in the small high school

2760 Huffaker Carl Leo Neglected aspects of common school costs. Eugene University of Oregon 1930 67 p (University of Oregon Education series)

A study of 80 per cent of all elementary schools over one-room and all one-room schools of the State Findings Elementary schools show extreme variation in teaching costs due to poor organization teaching load of Oregon elementary teacher is below standard largest costs occur in one-room schools the State would profit by consolidation

2761 Johnson Earl A. Some phases of finance in the support of 30 representative public junior colleges in six central states of the United States Doctor's thesis 1929 Indiana university Bloomington 273 p ms

Determines what the current expenditure for education was in the junior colleges of 30 districts in the central states and the relationship between expenditure for the junior college level and for the regular high school level

2762 Knight Frederick S Cost accounting in Hood River public schools, Hood River Ore Master's thesis 1930 University of Oregon Eugene 76 p ms

Detailed cost accounting for a local school system (about 1700 pupils enrolled) elementary junior and senior high schools

2763 Lambert A C *Proportionate distribution of current expenditures in Utah school systems* *Journal of educational research* 20 233-36, October 1929

2764 ——— The useful units for making analysis of school costs *American school board journal* 80 65 134 May 1930

From a study of 106 published studies of school costs made between 1911 and 1929 the author concludes that there is not yet any single best denominator to use for making unit cost analyses of school expenditures

2765 Lease R. A The cost and support of secondary education in the State of Minnesota *American school board journal* 79 43-44 October 1929

A survey of the financial reports of all of the secondary schools of Minnesota excepting those in Minneapolis St. Paul and Duluth Average daily attendance was used as the basis for computing per pupil costs and per pupil wealth

2766 Lovejoy Philip Some financial fallacies *American school board journal* 79 51-52 September 1929

A study of raw cost comparisons of school systems shows a number of major variables

2767 McCue Ernest F A comparison of the costs of education with other costs in Wilson county Tenn. Master's thesis 1929 University of Kansas Lawrence

2768 Magnusson Albert Lake Per pupil cost of secondary education in the State of North Dakota Master's thesis 1929 University of North Dakota Grand Forks. 72 p ms *School of education record* 15 121-24 January 1930 (Abstract)

2769 Michigan education association Some variables in comparative public school cost accounting Lansing Michigan education association 1930 24 p (Bulletin no 12)

2770 Muncie Ind Public schools Department of educational research The cost of public education in Muncie and some comparisons with other cities. 15 p (Bulletin no 36)

2771 National education association Department of superintendence City school expenditures 1928-1929 Washington D C 1930 40 p ms (Educational research service circular no 1 1930)

A study of data for 209 cities above 30 000 in population and 74 smaller cities showing average daily attendance main items of expenditure per pupil costs for seven divisions of current expenses and per cent distribution of seven divisions of current expenses

2772 New Jersey State department of education Statistical and cost studies of education in New Jersey Trenton 1930 350 p (Education bulletin vol 16 Special June 1930)

2773 Noble M C S Jr Current expense in the public day schools of the United States 1930 State department of public instruction Raleigh N C 18 p ms

2774 North Carolina State department of public instruction General statistical information 1930 Raleigh N C 100 p ms

A combination of four studies appearing under the following titles Comparison budgeting current expense costs of six months school term 1928-1929 1929-1930 Comparison number and scholarship of teachers 1928-1929 1929-1930 Actual expenditures for current expense in rural schools—six months term 1928-1929 Actual expenditures for current expense in special charter schools—six months term 1928-1929

2775 Oberholtzer, E. E and Kemmerer W W A comparison of the larger Texas cities in cost in increase of teaching body in teacher load and the ability of the schools to hold the pupils of school age in school In Houston Texas Independent school district Cost and education statistics, 1930 10 p

2776 Ohio education association Educational council Economics and curtailments in school expenditures as reported by superintendents of schools in Ohio 1929 Columbus Ohio 42 p ms (Part II of a Study of waste and economy in public education)

A study of what has been done to effect real economy and reduction of expenditures in the public schools of Ohio during the past few years and what plans are being made along these lines for the future. Questionnaires sent to city village and county superintendents asked for information concerning real economies effected curtailments required to be made which were of doubtful economy and possible economies which should be introduced as conditions permit

2777 Peters Clarence William An analysis of the current expenses in various school districts of Allegheny county Pa Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 355-56 November 1930 (Abstract)

2778 Reeves Floyd W and Russell John Dale The computation of unit costs in schools of higher education Nations schools 4 29-30 October 1929

In this study the authors used the student credit hour unit as a base for the study of instructional salary costs current expenditures and total costs. The use of unit cost figures for the whole institution aids department heads in planning their courses with reference to the needs of the institution rather than from the isolated viewpoint of the welfare of a single department

2779 Roubal Frank J The teaching costs in the high schools of Idaho Master's thesis 1930 University of Oregon Eugene 26 p ms

A study of about 38 per cent of the schools of Idaho. Findings Highest costs were found in the smaller schools salaries were highest in the largest schools classes increase in size according to number of teachers in system. Main factor in pupil hours cost is class size rather than teacher salary

2780 Rowley Hal Earl Classification of school expenditures in four California systems Master's thesis 1930 University of Southern California Los Angeles ms

2781 Smith Harry F (Syracuse N Y) Comparative study of school costs in unit multiple type cities [1930]

Comparison of costs of all cities above 30 000 that could be definitely classified as unit or multiple in type

2782 Steiner Melvin Arthur Some aspects of school costs and pupil success Doctor's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 174-81 November 1930 (Abstract)

2783 Turnbull George A Cost of education in various junior high schools Master's thesis 1930 University of Southern California Los Angeles ms

2784 United States Office of education Report on school expenditures of Huntington W Va Huntington W Va Board of education 1929 48 p

This survey was made by W S Deffenbaugh and Frank M Phillips

2785 Velte C H Codification of items of expenditure for school service. Master's thesis 1929 University of Nebraska Lincoln 134 p ms

An attempt to form for use in Nebraska schools a list of items of expenditure for school service and to indicate by code the proper placement of each item on the distribution ledger account sheets

2786 Whitney F L Departmental student credit hour costs Colorado state teachers college fall quarter 1929 Colorado state teachers college Greeley 8 p ms

Findings Highest cost per student hour was found in the physical education department for men \$81.0 the lowest in the geography department \$0.87. Approximate median was \$2.14 for all departments



2787 Yaggy, Ira D A comparison of instructional costs in high school and junior college Master's thesis, 1930 University of Chicago, Chicago, Ill. 140 p ms

Eight public school systems which maintain both a high school and a junior college were studied and comparisons were made for each system and for all combined.

See also 1528 1894, 1905, 2040, 2308 2701, 2873, 3273, 3314, 3381, 3670 3695 3698.

#### EQUALIZATION OF SCHOOL FUNDS

2788 Foote, John M A state equalizing fund for public education showing how Louisiana can more adequately meet its educational responsibility Baton Rouge La., State department of education, 1929 51 p (Bulletin, no 166, September 1929)

Presents ten reasons and conditions which require such a fund and proposes a plan for distribution

2789 Grimm, L R Equalizing to higher levels 1930 Illinois state teachers association, Springfield. Illinois teacher, 19 85-87, 100, 1930

2790 Jones J W and Holmstedt, R W The distribution of state funds for the purpose of equalizing educational opportunity 1930 Indiana state teachers college, Terre Haute 123 p ms

2791 Jones, Lee Francis Financial need and state aid of public education with special reference to Wisconsin high schools Doctor's thesis 1930 University of Wisconsin Madison 77 p ms.

A detailed analysis of the financial situation in Wisconsin schools with special reference to effects of the equalization law in elementary schools and the need for equalization of the burden of financial support in high school districts. A plan is proposed for the distribution of state support to the high school districts based upon educational need and the ability to pay in these districts. The technique evolved is applicable to distribution of state support in any state

2792 Lura, Casper A study of the tendencies toward equalization of educational opportunity through school aid in North Dakota since 1900 Master's thesis, 1930 University of Iowa, Iowa City 87 p ms

2793 Maryland State department of education. Equalizing educational opportunities in Maryland, through a minimum program and an equalization fund 1930 Baltimore, Md

2794 Mullins, Robert J. A plan for state support of public schools in New Mexico Master's thesis 1930 University of Colorado, Boulder University of Colorado studies 18 93, December 1930 (Abstract)

A survey of the finances of the State from statehood to 1929 indicates that the schools are reasonably economical and efficient, but that vast inequalities of educational opportunity exist due to the antiquated tax system in use. The author gives a plan for the reorganization of the system of taxation and the assumption by the State of responsibility for a minimum educational program in each county

2795 Nelson, Olaf Equalization of school support among districts in North Dakota Master's thesis, 1930 University of North Dakota, University

2796 North Carolina. State department of public instruction The public school equalizing fund 1930-1931 1930 Raleigh, N C. 100 p ms.

Shows methods for determining allotments for equalizing fund, also tax reduction fund.

2797 Reusser, Walter C Equalization of educational opportunity and equalization of school support in Wyoming Doctor's thesis, 1930 University of Iowa, Iowa City Laramie, Wyoming state teachers association, 1929 52 p (Research bulletin, no 1)

An analysis of wealth, taxation and state aid and a plan for equalization of educational opportunity in Wyoming. The poorest county must treble its tax rate in order to provide for a school program costing but one-half as much as that in the wealthiest county. Equalization may be brought about by a redistribution of state aid and by means of an equalization fund.

2798. Rogers, Naunle Adams The equalization laws of Arkansas Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 100-101 December 1930 (Abstract)

2799 Thompson E M Educational inequalities in Wyoming in the distribution of federal and state school aid in Wyoming Master's thesis 1929 Colorado state teachers college Greeley

2800 Utah. State department of public instruction A study of inequalities in educational opportunities in the State of Utah with a brief statement as to underlying principles governing a state minimum educational program Salt Lake City State department of public instruction 1930 30 p

Shows the inequalities in taxable wealth in the several school districts in Utah and the resulting inequalities in educational opportunities in these districts.

2801. Utah education association The probable basis upon which an equalization fund for educational purposes in Utah could be set up and maintained 1930 28 p ms.

2802 Waterman Ivan Russell. Equalization of the burden of support for education Doctor's thesis 1930 University of California Berkeley 93 p ms

Develops a technique for the apportionment of state school funds so as to equalize the burden of support for education among the several units of support

2803 Wilson Chapell School equalizing funds in North Carolina Master's thesis 1930 George Peabody college for teachers Nashville Tenn 67 p ms

A study of the equalizing funds from the beginning in 1901 through each year including 1929-1930

2804 Winters Thomas Howard An evaluation of typical attempts to equalize educational opportunity by state aid Doctor's thesis 1930 Ohio state university Columbus 836 p ms

This study involved the definition of the problem of equalization brief examination of equalization in 48 states study of entire school financial system in 13 states evaluation of results etc Findings No state has taken into consideration all of the factors necessary for complete equalization complete equalization is hardly possible without leveling some subdivisions downward certain principles must be followed to proceed in the right direction These are set up

2805 Young Dale S Apportionment and distribution of Alabama's equalization fund Montgomery Ala., State department of education 1930 16 p

Application of Alabama's minimum program to the counties of the State

See also 2588 2677 3553

#### SCHOOL SUPERVISION

2806 Adams Mary A An analysis of the supervisory opportunities involved in the curriculum program for elementary grades in seven large city systems Master's thesis 1930 Johns Hopkins university Baltimore Md

2807 Brink, William G Direction and coordination of supervision Current practices of city superintendents Bloomington Ill Public school publishing company 1930 117 p (Northwestern university Contributions to education School of education series no 3)

2808. Cole William E. The status of rural supervisors of instruction in the United States Doctor's thesis 1930 Cornell university Ithaca N Y Ithaca N Y Cornell university 1930 57 p

2809 Cone George R (Rochester N Y) The relation of the supervisor and the supervised [1930]

2810 Devers Nancy O Current practice in rural school supervision Report for 1929-1930 1930 State department of public instruction Raleigh N C

Summarizes compares and interprets county school supervision in terms of supervisory activity program of work teacher growth school organization and pupil condition during the year

2811 Finch Hardy Rundell. A study of the methods of supervision used by high school principals in towns under 5000 population. Master's thesis 1930 St Bonaventure college St Bonaventure, N Y 37 p ms  
High school supervision in New York towns

2812 Frost, Norman. Course of study recommended for those preparing themselves to become supervisors of country schools. Educational administration and supervision 16 1-11 January 1930

Recommends a course of study based on suggestions received from 30 states. The author submits a course of study as a start in the direction of a creation of a wise curriculum for those who are training for county supervisorships.

2813 Hart Melvin C. Supervision from the standpoint of the supervised. School review 37 537-40 September 1929

Questionnaires were sent to 22 high schools in Michigan. Findings. Teachers seem to feel that supervisory visits followed by reports or conferences are desirable and helpful. A successful supervisor will impress teachers with the fact that his primary aim is to improve instruction rather than to visit classes or secure ratings. Every teacher has a right to know how the administration reacts to his work.

2814 Hooper, Thomas H. County supervision of schools in Colorado. Master's thesis 1930 University of Kansas Lawrence

2815 Hughes James M. and Melby, Ernest O. Supervision of instruction in high school. Bloomington, Ill., Public school publishing company, 1930 101 p (Northwestern university Contributions to education School of education series, no 4)

The study was undertaken with a view to determining the nature and status of supervisory practices in selected high schools, to obtain an evaluation of these practices and to illustrate techniques applicable in programs of instructional improvement. The major part of the data was collected by personal visitation of 20 high schools in the Chicago area.

2816 Johnson, Franklin W. A checking list for the supervision of instruction. 1930 Teachers college Columbia university New York, N Y

2817 Knudson, Charles W. A program of high school supervision. Peabody journal of education 7 323-31, May 1930

Describes a program of high-school supervision which was inaugurated and directed in the ten high schools of Webster Parish La. during the school year 1928-1929

2818 McDonald Sarah Meadors. A proposed plan for state supervision of secondary education in rural schools. Master's thesis, 1929 Alabama polytechnic institute Auburn

2819 Melby, Ernest O. The organization of high school supervision in certain cities. School review 37 736-46 December 1929

Data on the practices in the organization of high-school supervision in 80 school systems in cities having a population between 10000 and 20000 are given. Supervision in the high schools covered by this report is a joint undertaking of the principal and the superintendent of schools. The writer thinks that supervisory responsibility should be delegated to the principal, and the superintendent of schools should give his attention to the problems of supervisory organization applicable to both the elementary and secondary schools.

2820 Moore Clyde B. Case studies in the supervision of village schools. Albany, University of the State of New York press 1930 27 p (University of the State of New York bulletin no 935, September 1 1930)

2821 National education association. Department of superintendence. Eighth yearbook. The superintendent surveys supervision. Washington, D C, National education association, 1930 471 p

2822. ——— Department of supervisors and directors of instruction. Current problems of supervisors. Third yearbook. New York city, Teachers college Columbia university, 1930 252 p

J Cayce Morrison chairman

An analysis of the status of supervision in American public schools in 1929.

2823 Odom Isaac Newton The effect of a definite plan of supervision on the efficiency of elementary school pupils Master's thesis 1929 University of Colorado Denver 38 p ms

A study of the diagnostic testing and remedial work on AQ in reading arithmetic and spelling and the effect on composite achievement quotients in 137 cases in grades 2 to 6 Findings Median IQ=108 median AQ for October 97 for May 101

2824 Persell George A (Jamestown N Y) Extent to which heads of departments in senior high schools supervise junior high schools [1930]

2825 Redfearn, Lenn Supervision of instruction in the elementary schools of North Carolina Master's thesis 1930 George Peabody college for teachers Nashville Tenn 38 p ms

2826 Reynolds Annie Developments in rural school supervision Washington United States Government printing office 1929 17 p (U S Office of Education Education bulletin 1929 no 32)

2827 Sasser Mrs Roxie J Critical analysis of supervisory plans with special emphasis on evaluating rural supervision in North Carolina Master's thesis 1930 Duke university Durham N C 132 p ms

A résumé of the history and functions of supervision a discussion of practical material from the general field of supervision a comparative study of plans that have been successfully used with an analysis of what has been done in North Carolina in the way of rural supervision and the presentation of a suggested plan for developing rural supervision in North Carolina.

2828 Schrode Hulda Changing concepts in supervision Master's thesis 1930 University of Wisconsin Madison

2829 Shuler Harry Elston Supervisory officers employed by 60 school systems of the United States Master's thesis 1930 University of Wichita Wichita Kans 38 p ms

2830 Simpson Mabel E Supervisory problems from the teachers view point Educational method 9 39-97 April 1930

Two hundred and thirty teachers in city school systems varying from the smallest to the largest in size in 21 states and the District of Columbia, reported supervisory problems The main trends were classified as to aims and methods instructional material classroom organization and pupil control and professional growth in service Data indicate that successful supervisory procedures demand a close coordination of all lines of responsibility in order that the best conditions for learning may be established

2831 Spangler Bessie Pearl Effectiveness of supervision of instruction in United States history by means of a study guide Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 135 p ms

2832. Strange Edson C Supervision by department head Master's thesis 1930 University of Illinois Urbana

A survey of existing theories actual practices, and practice at Upper Darby high school

2833 United States Office of education Procedures in supervision. Prepared in the Division of special problems Katherine M Cook, chief Washington United States Government printing office 1930 22 p (Pamphlet no 0 June 1930)

Abstracts of selected papers presented at the fourth conference on rural school supervision in the Southern States called by Wm John Cooper Commissioner of education, at Nashville Tenn December 16 and 17 1929

The first paper entitled "The rural school principal and supervision" gives reports on a questionnaire study of the activities of principals in the Southern States the second paper by Hattie S Parrott is "The developmental history of the school child an agency in supervision" and the third paper by Maycie Southall is entitled "Direct means used by rural supervisors to improve teachers in service"

See also 82, 89 170 249 736 742 833-834 1084 1220 1238 1292 1442 1561 1600 1708, 1806 1843 1884 2087 2166 2315 2604 3175 4108 4155

## SCHOOL PRINCIPALS

2834. Brothers, J. J., Jr. *The status of the elementary school principalship in North Carolina*. 1930. (Reported by State department of public instruction, Raleigh, N. C.)

2835. Burke, Arvid J. *An analysis of the principalship of the small high schools in the supervisory districts of New York*. Master's thesis [1930] New York state college for teachers, Albany.

2836. Crowley, Francis Michael. *The Catholic high school principal*. Doctor's thesis, 1930. George Washington university, Washington, D. C. 218 p. ms.

A study of the training, experience and responsibilities of 246 Catholic high school principals.

2837. Daniel, Brother. *Joh analysis of the duties of the principal of a Catholic high school*. Master's thesis, 1929. University of Notre Dame, Notre Dame, Ind.

2838. Donaldson, M. G. *A study of the duties of the principal of Florida schools of the 8-4 type employing 10 to 20 teachers*. Master's thesis, 1929. University of Florida, Gainesville.

2839. Eklof, Carl Martin. *The rural high school principal: a study of his professional qualifications, duties, activities, and problems*. Master's thesis, 1930. Stanford university, Stanford University, Calif.

2840. Gossett, J. G. *Interests of principals and current economical measures in California high schools*. California quarterly of secondary education, 5: 184-87, January 1930.

Replies to a questionnaire were received from 236 principals of senior high schools in California. Six types of educational features seem to interest the principals. The article takes up the measures of economy considered most important by the principals who answered the questionnaire.

2841. Green, Finis M. *A study of 78 junior high school principals of Kansas relative to salary, experience and teaching*. Master's thesis, 1929. University of Kansas, Lawrence.

2842. Grover, E. C. *Distribution of time spent by principals in various duties and activities*. Week of January 6, 1930. 1930. Public schools, Cleveland Heights, Ohio. 14 p. ms.

From this study it seems that actual supervisory activities are more emphasized in the elementary schools than in the junior and senior high schools: the opposite is true of administrative duties. The clerical duties seem to be of greater amount than the norms indicate, although the miscellaneous duties are far less.

2843. Hohn, Emil. *The functions and duties of the principal and administrative staff of a public industrial school for adolescents*. Doctor's thesis, 1930. New York university, New York. N. Y.

2844. Holway, Clarence W. *How my principal could have helped me more as a class room teacher*. Master's thesis, 1929. Teachers college, Columbia university, New York, N. Y. 14 p. ms.

2845. Hudtloff, B. L. *A study of the elementary and secondary school principals in the public schools of Iowa*. Master's thesis, 1930. University of Iowa, Iowa City. 229 p. ms.

2846. Kanoy, D. W. *The principalship of the Union school in North Carolina*. Master's thesis, 1930. Duke university, Durham, N. C.

An investigation of training and activities of Union school principals and their practice in supervising the work of their schools with some indication as to desirable training and practice.

2847 Kirkpatrick William Bruce An analysis of the professional duties and activities and distribution of time of the boys vice-principals of the Los Angeles senior high schools Masters thesis 1930 University of Southern California Los Angeles 192 p N E A. Department of secondary school principals bulletin no 24 16-18 January 1931 (Abstract)

Data for this study were obtained from a check list sent to the vice-principal of each of the 20 senior high schools in Los Angeles

2848 Klepp W J The elementary school principal and his job American school board journal 79 57-58 134 November 1929

A study was made of 279 diaries kept by elementary school principals in which each activity and the time devoted to it between the hours of 8 a m and 3 p m were recorded Several plans of reorganization were worked out, and tried in different schools

2849 Lovelace A C The work of the supervising principal 1930 Duke university Durham N C

An analysis of the activities of the supervising principal with an evaluation of his tasks, and a plan for budgeting his time

\*2850 Macdonald Miss Marion The significance of various kinds of preparation for the city elementary school principalship in Pennsylvania with implications for a program for preparing for the elementary school principalship Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 104 p (Contributions to education no 416)

Findings The median elementary school principal is a graduate of a two year normal school and is normal certificated 30 per cent of the principals hold degrees and 34 per cent are working for a degree Of 467 principals only one per cent have ever taken a leave of absence or resigned for purposes of study

2851 Michigan education association Department of elementary school principals The elementary principalship a survey Fourth yearbook 1930 124 p

This yearbook presents a general survey of original contributions and digests of outstanding articles in the field summarizing the functional activities of the elementary school principal

2852 Munson Samuel Kenneth Village high school principalship in New York State Masters thesis 1929 New York university New York N Y 110 p

2853 Murphy I R Status of the high school principal in West Virginia Master's thesis 1930 University of Cincinnati Cincinnati Ohio 57 p ms

A study of the training educational experience and tenure social status professional attitude and responsibilities of the high school principal in West Virginia and a suggested program for his preparation Findings The high school principal in West Virginia is the product of a denominational college or normal school While his undergraduate work was not especially applicable to his present position his graduate work has been of a more utilitarian type The average principal is 34 years old married has one child does not own his own home and receives a salary of \$2647 per year

2854 National education association Department of elementary school principals Ninth yearbook The principal and administration Washington D C National education association 1930 731 p (Bulletin vol 9 no 3 April 1930)

2855 ——— Research division The principal as a supervisor Washington D C National education association 1929 p 279-348 (Research bulletin vol 7 no 5 November 1929)

A study of supervisory practices and techniques for the purpose of assisting principals in meeting their growing supervisory responsibilities Emphasis is placed on the cooperative aspects of supervision

2856 Neely, Lewis J Supervisory activities of the teaching principal in the village high schools of New York State Master's thesis, 1930 University of Rochester, Rochester, N Y 95 p ms

2857 Rice, John H. The information that a retiring principal should leave for the incoming principal Master's thesis, 1929 University of Virginia, Charlottesville

An inquiry into the types of records available to the incoming principal, an evaluation of these records through consensus of opinion, and a suggested system of records necessary to furnish the incoming principal with necessary data Findings An adequate system of records should be left for the incoming principal including the essential facts of the school the teachers the pupils and the community It is also recommended that the school board provide for a conference between the retiring and incoming principals in order that certain information which can not be placed on record may be available for the incoming principal

2858 Schrader, F A The organization of Minnesota high schools for the purposes of administration with special reference to the status of the principal Master's thesis 1929 University of Minnesota, Minneapolis

2859 Shine, Sister Mary Dolores The duties and responsibilities of the supervising principal Master's thesis, 1930 Loyola university, Chicago, Ill. 214 p ms

2860 Swigart, Forest Damon. Professionalizing the high school principal ship Master's thesis, 1929 Ohio state university, Columbus. 73 p ms.

The study attempts to determine the subjects which should be offered to the high school principal during one year of graduate training Data were secured from the returns of two questionnaires and from recent writers in the field of secondary school administration The author finds that at least half of the graduate courses of study in preparation for the high school principalship should be prescribed He lists the courses to be taken in the first and second semesters of graduate training

2861 Thompson, Jessie The status of the elementary school principal in Wichita, Kans Master's thesis, 1930 University of Wichita Wichita, Kans 70 p ms

See also 2352, 2402 2412, 2420, 2424, 2608, 2811, 2841, 3275

### SCHOOL MANAGEMENT

2862 Adan, P. B A study of time allotments in 133 schools of Kansas Master's thesis, 1930 University of Kansas, Lawrence

2863 Arnold, Paul James Success in school Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 46 p ms

2864 Bomberger, Harry K. Creative school control Master's thesis, 1930 Rutgers university, New Brunswick, N. J

2865 Butler, Frank Standard items to observe for the improvement of teaching in classroom management *Educational method*, 9: 517-27, June 1930

During the course of a year the author made an extensive and intensive examination of the literature of classroom management Classroom management has three logical divisions, physical conditions, economy of time and discipline The author drew up a list of standards which are highly valid and should serve as helps for teachers supervisors, and others directly responsible for the improvement of teaching in classroom management

2866 Caswell, Hollis L Program making in small elementary schools. Nashville, Tenn., George Peabody college for teachers, 1930 77 p (Field studies, no 1)

2867 Corbally, John E Pupil mobility in the public schools of Washington Seattle, University of Washington press 1930 p. 95-180 (University of Washington publications in the social sciences, vol 5 no 2)

In order to determine the importance of pupil mobility the first part of this study concerns itself with the extent of mobility in the State, while the second part attempts

to determine the effect of mobility on retardation failure and social adjustment of new pupil as well as to discover what provisions are being made for the mobile pupil.

2808 Davis George H. A study of time allotment grades 7 and 8 of the Cincinnati elementary schools. Master's thesis 1930 University of Cincinnati Cincinnati Ohio 59 p ms

Daily programs of 58 seventh and 61 eighth grade teachers were studied to discover present practice relative to the amount of time allotted to subjects and grades to discover trends in time allotments by means of comparison of practice over a period of 100 years to compare present practice in Cincinnati with the practice in the country as a whole and as recommended by scientific investigations. Findings: If an activity is added to the curriculum it is seldom deducted. The 38 activities listed in grades 7 and 8 show the almost unlimited freedom given principals and teachers. Administrators should question the wide range of activities. More consideration should be given scientific data in adopting a time schedule.

2809 Dominick Leo H. Disciplinary problems in a small high school as exemplified by case studies. Master's thesis 1930 University of North Dakota University

2810 Fowler Benjamin B. Time allotments in some typical elementary schools of Florida. Master's thesis 1929 University of Florida Gainesville

2871 Green Rei Lucian A. Some problems of discipline in the Catholic high schools. Master's thesis 1930 Catholic university of America Washington D C 47 p ms

2872 Houston Texas Independent school district. The effect of change of teachers in the middle of the year on the amount of progress made by the pupils 1930 30 p ms (Research bulletin no 8112)

Data indicate that pupils remaining with one teacher throughout the year have a decided advantage over those changing teachers in the middle of the year in subject matter achievement, primarily in the basic subjects of reading spelling and arithmetic.

2873 Hughes W Hardin. Cumulative survey covering a period of years. February 1930 Public schools Pasadena Calif 60 p ms

In this study special attention is given to attendance enrollment costs salaries teacher training pupil achievement etc.

2874 Knight Edgar W. Our teachers, managers of our biggest business 1930 University of North Carolina Raleigh Outlook and Independent 154 201-03 February 10 1930

Discusses the management of public education in the United States

2875 Marshall George H. Present day public school discipline as exemplified in the elementary schools of Augusta Kans. Master's thesis, 1929 University of Kansas Lawrence.

2876 Melvin Ethel D. A survey of homework in the fifth grade in Baltimore City. Master's thesis 1930 Johns Hopkins university Baltimore Md

2877 New York (City) Teachers' council Committee on organization and administration. Report on the all year school. Elementary school journal, 30 500-18 March 1930

The Committee studied the effect of the all year school on the pupils' health, scholastic standing and the effect of continuous teaching on the health and teaching ability of teachers in the cities conducting all year schools. After a study of the advantages and disadvantages of the all year school over the ten month academic school year supplemented by vacation schools in use in the New York schools the Committee passed a resolution that the existing system in New York City be continued as the system best meeting the needs of that city.

2878 San Francisco Calif Public schools Department of educational research and service. Special surveys of school activities. 1929 21 p ms (Bulletin no 9)

The surveys included in this bulletin are (1) Reading program—grades 4 to 6 fall term 1928 (2) survey of mental ability in the high sixth grade (3) survey of Commodore Stockton school (Chinese pupils in grades 1 to 6) and (4) retardation in low first grade.



2879 Sutton, John Richard A study of disciplinary procedure Master's thesis 1930 University of California, Berkeley 50 p ms

A study of discipline in its relation to the conduct of junior and senior high school pupils.

See also 2006

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#### ATTENDANCE AND CHILD ACCOUNTING

2880 Abraham Harry Gustav A study of pupil accounting in city school systems as revealed by school surveys Master's thesis 1930 University of Chicago, Chicago Ill

2881 Birch, John J Criteria for the construction of a model school attendance register 1929 New York state college for teachers Albany 25 p. ms. A survey of practices in nearly all states of the United States

2882 Burkhard, William John Accuracy of school population prediction. Master's thesis 1930 University of California Berkeley 26 p ms

A study of those surveys predicting school population which have been published long enough to allow a check up of actual school enrollment against the predicted population with a view to ascertaining how accurate the predictions have been Findings The average number of years used as a basis for prophecy was 10 estimates were attempted for an average of 13 years in the future Of the 32 surveys studied 20 used the straight line method of prediction Of the 368 yearly forecasts 210 were over 155 were under the actual enrollments and three were exactly correct

2883 Compton, John L A study of non attendance in the elementary schools of Bakersfield Calif Master's thesis 1930 University of Southern California Los Angeles ms

2884 Cooper, Hermann An accounting of progress and attendance of rural school children in Delaware Doctor's thesis 1930 Teachers college, Columbia university, New York N Y New York city, Teachers college Columbia university, 1930 150 p (Contributions to education no 422)

A report of results secured from an analysis of the eight year individual attendance and progress cumulative records of the 1915 entrants into grade 1 of the rural and village schools of the State of Delaware The attendance conditions found are due to defects in the attendance law the attitude of mind in the adult population of the attendance district the economic necessity on the part of the parents and the sociological conditions surrounding community life The book contains many remedial suggestions

2885 Cushman, C L A study of methods used by various schools in the handling of attendance problems. 1930 Public schools, Oklahoma City Okla 4 p ms

2886 Davidson James Willis Compulsory school attendance, its justification Masters thesis, 1930 Teachers college, Columbia university, New York, N Y 63 p ms

From a study of compulsory school attendance past and present it was found that compulsory school attendance is both feasible and desirable Points of justification show that it is necessary for the social welfare of the state and for the fullest economic development of the state

2887 Davis, Sarah Frances A study of a group of habitually tardy pupils at University high school. Master's thesis 1929 University of California Berkeley 40 p ms

A study of traits and environmental factors common to pupils constituting an habitually tardy group in University high school Findings Tardiness as a habit is not restricted to any one grade the number of habitually tardy boys is about twice the number of girls yet total enrollment of girls exceeds that of boys, the habitually tardy group is inferior intellectually to non tardy group etc

2888 Denver, Colo Public schools Department of research Attendance procedures and practices in Denver junior high schools 1930

A study of the methods of checking attendance and of counseling pupils who are attendance problems

2889 Fleming Paul Causes of truancy in senior high schools. 1930 Public schools Oakland Calif 43 p ms.

2890 Fowlkes John Guy Child accounting laws in 10 states and how they function Nation's schools 5 43-46 January, 1930

More than 375 child accounting items included in the child accounting laws of 10 mid western states were analyzed and compared. The study makes general recommendations for an ideal statutory control of a uniform and complete child accounting system.

2891. Gates, Grover Allen A study of average daily absence in the public schools of Fresno Calif. Master's thesis 1929 University of California Berkeley 78 p ms

A study of absenteeism as affected by holidays and the efficiency and effectiveness of teaching and of learning during the week as studied in the Fresno city public schools. The increased rate of absenteeism before and after holidays and week-ends could be reduced by scheduling interesting programs assemblies and motion pictures for the last period of school on Friday or the first on Monday. Half-day absenteeism is an afternoon problem particularly a Friday afternoon problem. Morning absence usually occurs on Monday morning.

2892. Graham Carmon McWade A child accounting program for the county schools of Kentucky Master's thesis 1929 George Peabody college for teachers Nashville Tenn 102 p ms

2893 Hannum, William John. A study of pupil accounting in church schools in five counties of Ohio Master's thesis 1930 Ohio state university Columbus 100 p ms

Findings A prevailing lack of uniformity among the schools surveyed both as to church school record content and functions.

2894. Hopkins, John L. (Hastings-on-Hudson N. Y.) Study of child accounting in the Hastings public schools [1930]

2895 Keesecker Ward W Public school attendance ages in the various states 1930 U S Office of education Washington D C 4 p ms (Circular no 10)

This circular gives the age attendance required and the age attendance permitted in the various states.

2896 Los Angeles Calif City schools. Division of attendance and employment of minors A study of qualifications duties and salaries of school attendance supervisors in Los Angeles county State of California United States and Canada 1930 10 p ms

2897 May Don. The status of child accounting in North Dakota Master's thesis, 1930 University of Cincinnati Cincinnati Ohio 139 p ms

Samples of child accounting forms and replies to a questionnaire were received from over half of the city and county systems of the State. Data were examined in connection with state laws forms correspondence and reports from special agencies dealing with children. The study showed a lack of a number of valuable records which might be kept both in city and county systems and a lack of uniformity of child accounting records between cities and counties, and a lack of unity in the work of agencies dealing with irregular children.

2898 Moore M E Child accounting in the public schools Beaumont, Texas Board of education 1929 35 p

A study of the child's attendance health mental level achievement and college entrance credits.

2899 Munzenmayer L H and Heck, A. O A study of the administration of the Ohio compulsory attendance laws [1930] State department of education Columbus Ohio.

2900 Oakland Calif Public schools. Distribution of cases of absence upon which calls were made during 1929-30 in terms of cause of absence grade and school 1930 75 p ms

1901 Reed, Alice Clara Record and report forms for pupils accounting in elementary schools Master's thesis 1930 University of Chicago, Chicago Ill.

2002 San Francisco Calif Public schools. Department of educational research and service A forecast of the San Francisco public school enrollment from 1929 to 1950 1929 13 p ms (Bulletin, no 8)

2003 Sanford C W A study of child accounting records Master's thesis, 1930 University of Illinois Urbana 140 p ms

A survey of present practices in child accounting records Many examples of records are given in the report with a summary of the practices

2004 Silberberg, Saul Causes and remedial measures for poor attendance of 5A pupils in a New York city school Master's thesis, 1930 College of the City of New York New York N Y 56 p ms

A study to determine the causes of poor attendance through an analysis of school records and records of cooperating social agencies

2005 Smith Harold Watson Child accounting in Arizona public elementary schools Master's thesis 1930 University of California Berkeley 123 p ms

A study of records and report forms used in child accounting in the public schools of Arizona with a view to checking them against standards of practice approved by experts in the field of child accounting Suggests greater uniformity and provision of more adequate data in the many instances in which it is apparently inadequate

2006 Zahnow, Walter School attendance in Illinois Master's thesis 1930 Washington university, St Louis Mo

See also 721, 992, 1820, 1936 2460, 2582 2873, 2891 2900, 3228 3629, 3831; and under Records and reports

#### CLASS SIZE

2007 Bloomfield, L. S and Brooks, L. W Studies in class size Bulletin of the Department of secondary school principals of the National education association, no 29 6-20 1930

Mr Bloomfield reports the results of an investigation carried on at the John Adams high school Cleveland which shows no appreciable difference in the attainment of pupils in the large class with those in the small class Mr Brooks reports on large class es in the American Constitution and in English composition at Wichita Kans His conclusion is that with mental ability on the same level a class of 75 or 80 can be as successfully handled by the laboratory plan of instruction as can a class of 20

2008 Davis, Everett and Goldizen, Mae A study of class size in junior high school history School review, 38: 360-67, May 1930

Reports a study of the achievement of 70 pupils in grade 7A in the Woodrow Wilson junior high school Des Moines Iowa, enrolled in a large class in American history as compared with the achievement of two control classes of 35 pupils each The evidence indicates that the large section was as well taught as were the small sections, that pupils in the large section seem to have been at no disadvantage because of having been in the group that larger classes in American history can be organized at the junior high school level.

2009 Gerberich, J R Class size in the principles of economics 1930 University of Arkansas, Fayetteville 7 p ms.

A study of large vs small classes in principles of economics An experimental section of 51 students was taught by a faculty member of several years experience Four control sections ranging from 11 to 29 students were taught by three other faculty members of greater average experience The final measure of achievement was a 300 item objective examination over volume I of Taussig's Principles of Economics Findings The evidence seems to favor the small sections although it is inadequate as the basis for a final conclusion that the small section in principles of economics is more efficient than the large section

2910 Hagamon Georgia M The relation of class size to teaching efficiency under actual conditions in the course mathematics of investment in the University of Minnesota Masters thesis 1930 University of Minnesota Minneapolis.

2911 Hudelson, Earl. Class size opinions evidence and policies in secondary schools North central association quarterly 4 196-208 September 1929

A resumé of various studies that have been made in class size beginning with Rice's study in 1898 In conclusion the writer says that it would seem that the North central association was amply warranted in taking the action that it did take 10 years ago in abandoning class size as one basis of accreditation of secondary schools

2912 Jensen Milton B and Jensen, Dortha W The influence of class size upon pupil accomplishment in high school algebra Journal of educational research 21 120-37 337-56 February May 1930

In general from this study it is concluded that achievement in elementary algebra is more rapid in small than in large classes

2913 Kirk, John Robert Class size and efficiency in the teaching of elementary psychology Masters thesis 1930 George Peabody college for teachers Nashville Tenn 46 p ms

Experiments were made during two fall terms with two large classes two small classes and one middle sized class numbering all told 294 freshmen teachers college students Findings Relation of class size to teaching efficiency is yet an unsettled issue

2914 Maguire Margaret and Hudelson Earl Learning to teach larger classes Educational administration and supervision 16 34-38 January 1930

Miss Maguire carried on Haertter's experiments in plane geometry at the University of Minnesota high school with a small section of 23 pupils and a large section of 44 She tried several methods of teaching with both the large and small classes Accomplishment was measured by nine objective tests The best and poorest students did equally well in both classes mediocre pupils were at an advantage in the large class For all pupils combined the large class excelled on every measure of achievement

2915 New Trier township high school, Winnetka, Ill Department of reference and research The size of classes at New Trier and other enrollment statistics for the years 1923 to 1929 1929 7 p ms

2916 Oak Park and River Forest township high school, Oak Park, Ill. Relationship of achievement to size of class [1930]

Three large classes were compared with three small classes in algebra and geometry for one year There was apparently no difference in achievement when A groups are compared Small classes of "C" groups did the better work

2917 Shoemaker, W A Effect of size of room enrollment and splitting of grades on achievement. 1930 Public schools Minneapolis Minn 8 p

Findings Larger classes were favored in reading arithmetic results were contradictory

2918 Smith Dora V Class size in high school English, methods and results. Minneapolis: University of Minnesota press 1930 300 p

A study of ninth grade English based upon 28 objective measures Intangible outcomes were watched by three daily observers Findings Small classes are better for letter writing and library work Large classes are better in literature and reading Class size is immaterial in composition and the mechanics of English

2919 Whitney F L An experimental study of class size in the primary school 1930 Colorado state teachers college Greeley 4 p

2920 Wingfield, Robert C A comparison of the efficiency of instruction in large and small classes in first year algebra Masters thesis 1929 University of Virginia Charlottesville University of Virginia record extension series, 25 3 13 January 1931

See also 1930, 2518 2927, 3083, and under Teacher load

## CLASSIFICATION, GRADING, AND PROMOTION

2021 Alhambra, Calif City schools Department of educational research and guidance Comparative study of grading in the elementary schools Educational research and guidance bulletin (Alhambra Calif), 2 3-4, December 1929 ms

2022 Antrim G Harold Proposed plan of promotion for Columbia high school, Columbus Pa Masters thesis 1029 Teachers college, Columbia university New York, N Y 31 p ms

2023 Bixler H H Analysis of parents opinions of acceleration 1930 Board of education Atlanta, Ga 2 p ms.

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2034. Kinder, J. S. The status of grading in the Pennsylvania college for women, 1930. Pennsylvania college for women, Pittsburgh 15 p ms.  
A study of all grades issued by the faculty for the last five years. Findings: Pennsylvania college for women grade curve is slightly skewed to right of the normal-distribution curve. This is accounted for through the selection of students at entrance
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2039. Muncie, Ind. Public schools. Department of educational research. Promotion rates in Muncie city schools for semester ending January 24, 1930 10 p ms (Bulletin, no. 32)  
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2040. Pentman, John Gray. The influence of weighted true false test scores on grades. Journal of educational psychology, 21: 143-47, February 1930  
A study was made of 73 students at Columbia university who took all of a series of true-false examinations in psychology during the spring of 1929, in an attempt to ascertain the usefulness of Clark's formula in obtaining weighted true false test scores for determining a subject's relative standing, or grade. Data indicate that the use of the formula in determining these subjects' relative standing, or grades is not justified
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2043. Raybold, Emma and McAulity, Ellen Alice. Promotion and nonpromotion in the elementary schools of Los Angeles. Los Angeles educational research bulletin, 10: 13-15, April 1930.  
Tabular study was prepared from the reports returned by the principals of the Los Angeles elementary schools, showing grade, total enrollment, number promoted, number not promoted, and per cent not promoted for the first semester of the school year 1929-1930, all districts. Suggests that the curriculum be so organized that children might be insured success instead of failure
2044. Santa Monica, Calif. Public schools. Department of research. Study of prospective special promotions. February 1930 June 1930. ms.
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2044 Santa Monica, Calif Public schools. Department of research Study of prospective special promotions. February 1930 June 1930 ms.

2045 Shaw, George E. A comparison of the effectiveness of two methods of sectioning ninth grade pupils. Master's thesis 1930 University of Iowa Iowa City 00 p ms.

2946 Stiles Howard M A comparative study of a semester's educational gain made by three groups of elementary school pupils. Master's thesis 1929 University of Oregon Eugene 30 p ms

A study of 141 children grades 2 to 6 inclusive in 14 elementary schools divided into three groups—regularly promoted trial group and retained group. Conclusions: With the groups concerned as measured by the tests the retained group made about the same progress as the trial group.

2947 Test Mrs Edna A study of double promotion in the schools of Akron. Master's thesis 1930 University of Akron Akron Ohio

2948 Thompson J L Classification Central grammar school 1930 Public schools Newburgh N Y 3 p ms

2949 Warren Carl V (Skanateles N Y) Study of the grading systems in 41 schools of central New York [1930]

Results of a questionnaire sent to the principals of the 41 schools

See also 720-721 1810 1936 1994 3083 3109 and under Individual differences Marks and marking

#### CURRICULUM MAKING

2950 Adams Mrs Fay Green Curricular enrichments in secondary education. Master's thesis, 1929 University of Southern California Los Angeles 88 p ms N E A Department of secondary school principals 34 47-48, January 1931 (Abstract)

Analyzes the need for special attention for the superior child indicates the trends in the educational procedure and program and suggests means of enriching the curricula for the superior pupil. Data were secured from teachers of rapid group pupils supervisors and curriculum builders and from books and studies dealing with the problem of adapting the curriculum, teaching methods and subject matter to rapid pupils.

2951 Alabama. Department of education Division of secondary education Program of studies and adopted textbooks for county and rural high schools Minimum content of courses of study for Alabama public high schools Montgomery Alabama state board of education 1930 47 p

2952 Alexander Julia Hazel A course of study reorganized by a classroom teacher and a description of the method employed in its use. Master's thesis 1929 Teachers college Columbia university New York N Y 34 p ms and 4 books of illustrations

2953 Bullock Paul Ray Determination of a procedure by which to construct a general curriculum for a selected high school. Master's thesis 1930 University of California, Berkeley 77 p ms

Findings: Inasmuch as most of the pupils of the low tenth grade at the McClymonds school are of less than normal ability and also are average the traditional curricula in which many of them are enrolled are not suitable to their capacities. Present program is beyond their abilities and does not meet their needs. A curriculum should be organized emphasizing neither the traditional nor the vocational but stressing the social and economic phases of citizenship and connecting school activities with concrete life situations.

2954 Coxe Warren W New method for constructing a workable curriculum. Nation's schools 4 42-44 August 1929

In his experimental work the author started with specific activities now existing in the classroom and worked toward their better organization. He expects the completed curriculum to be an advance over present average practice and to be able to be put into immediate use by the classroom teacher.

\*2955 De Sales Brother Francis The Catholic high school curriculum its development and present status. Doctor's thesis 1930 Catholic university of America Washington D C Washington D C 1930 62 p

2956 Dixon J C Course of study for elementary schools Atlanta Ga State department of education 1929 351 p

2957 Elizabeth N J Public schools. A study of environmental conditions and curriculum shortcomings for the elementary schools 1930 ms

2958 Ellingson Mark Joh analysis as a basis for curriculum construction Master's thesis, 1930 University of Rochester Rochester N Y 160 p ms

A brief review of the philosophy of curriculum construction and a description of techniques used in developing new curricula for certain specialized courses at Mechanics Institute

2959 Finck, Edgar M A survey of a small high school with recommendations for changes in its program of studies Doctor's thesis 1930 New York university New York N Y 189 p ms

An investigation of the 854 pupils who have been eligible to attend the school studied A consideration of their education place of residence employment domestic status and resultant curriculum recommendations A program of studies is set up which adequately meets the needs of this community

2960 Harap Henry Bibliography of curriculum making for teachers 1930 Western Reserve university Cleveland Ohio 67 p ms (To be published by the Texas State teachers association)

A bibliography including source materials for subject committees

2961 ——— A critique of public-school courses of study 1928-1929 Journal of educational research 21 109-19 February 1930

A study of 42 courses of study to discover present tendencies in the preparation of curriculum bulletins

2962 Hess Frank Dodson The development of the high school curriculum Master's thesis 1929 University of Colorado Boulder 88 p ms

Historical research of development of curriculum from Greeks to present time obtained from general histories of education and special studies The greatest expansion of curriculum was found between 1600 and 1750 commercial subjects appeared after 1890 industrial arts the same health education reappeared in 1915 Few studies have been dropped

2963 Houston Texas Independent school district Research department Effect of setting up of curriculum schools on the achievement in such schools in the fundamental subjects compared with the achievement in other schools not so designated [1930]

2964 Hurd Archer W Curriculum development based on unit experimentation 1930 Columbia university New York, N Y 21 p ms

The use of units of instruction in physics planned to accomplish certain objectives with preliminary and final testing

2965 Indiana Department of public instruction Evaluation of course of study Indianapolis [1930] 23 p

2966 Indiana. Department of public instruction Program of studies and digest of state courses of study for Indiana schools grades K-12 Indianapolis 1930 (Supplement to Bulletin no 100 rev)

2967 Melkus F W Programs of study of high schools. 1929 Ohio state university Columbus.

A study of high schools of 300 pupils and over Gives tables discusses diversity of terms and makes recommendations for possible changes

2968 Meredith William Owen A working plan for the revision of the curriculum in a small school system of Texas Master's thesis 1929 University of Texas Austin

2969 National education association Vitalizing the high school curriculum Washington D C National education association 1929 p 175-274 (Research bulletin vol 7 no 4 September 1929)

A handbook for those engaged in the work of vitalizing the high-school curriculum for a changing civilization Lists helpful books dealing with high school curriculum problems, and new courses of study for secondary schools.

- 2970 New York (State) Department of education State normal school faculties Curriculum studies Albany N Y [1930?]
- 2971 North Dakota. Department of public instruction North Dakota Elementary courses of study with suggested daily program and organization for rural schools Rev 1929 Bismarck N Dak 1029 421 p
- 2972 Osburn W J and Rohan B J Enriching the curriculum [1930] State department of education Columbus Ohio
- 2973 Palmer James B A study of causal factors in the development of the state elementary course of study in New York from 1776 to 1904 Doctor's thesis 1930 Cornell university Ithaca N Y 311 p ms
- 2974 Reeves Stanley Newman An annotated bibliography on the secondary school curriculum Masters thesis 1929 George Peabody college for teachers Nashville Tenn 152 p ms
- 2975 Rickert Rei William L The Brooklyn diocesan curriculum for the elementary schools Masters thesis 1930 Catholic university of America Washington D C 84 p ms
- 2976 Robertson Floyd C An analysis of the studies made concerning the effect of newspapers and periodicals on curriculum content Master's thesis 1930 Indiana university Bloomington 123 p ms
- 2977 Rolker Edna Curriculum units of intermediate grades Public schools Baltimore Md Baltimore bulletins of education 1028 and 1029  
Eighty five units in geography and history were developed in connection with the new courses of study in these subjects under the direction of intermediate supervisors and teachers in charge of curriculum study centers
- 2978 Seidlitz Mabel The revision of the curriculum for the St. Louis public schools Masters thesis 1929 Teachers college Columbia university, New York, N Y 34 p ms
- 2979 Shambaugh C G Surveying the trends in high school curricula. *Nation's schools* 5 50-58 May 1930  
The purpose of this investigation was to show the trends in the high school curriculum as indicated by the percentage of California high school teachers employed in each field The distribution of teachers according to the subjects taught shows the relative importance of each field as well as the general trends of the curriculum
- 2980 Shank Clayton K. Curriculum levels 1929 Upper Darby high school Upper Darby Pa 25 p ms.
- 2981 Smith Silas A. A study to determine the value of the various subjects included in the high school curriculum Masters thesis 1929 Indiana state teachers college Terre Haute 106 p ms  
Data were collected from 218 persons graduating from high school between the years 1895 and 1927 inclusive, to determine the value of various high school subjects in securing higher learning for general vocational value in securing a position for pleasure derived from it for social advantage gained for proper use of leisure time for better home making for managing a business developing character making better citizens securing better health etc Data indicate that the following subjects should be offered in much greater amounts than they are now offered commercial subjects public speaking physical training and chemistry Foreign languages should be decreased in the time they are now offered and should be made elective This is especially true of Latin
- 2982 South Dakota. Department of public instruction Guiding principles educational objectives and committee members for the elementary curriculum revision. 1930 Pierre S D 25 p ms  
Contains a list of philosophical sociological and psychological principles as gathered from various sources for the guidance of those engaged in the revision of the elementary curriculum

2983 South Dakota Department of public instruction. Handbook for the committees of the secondary curriculum revision, 1929. Pierre, S. D. 27 p. ms.

Contains a list of philosophical, sociological, and psychological principles as gathered from various sources for the use of those engaged in curriculum revision for secondary schools

2984 Sweitzer, Merrill A. Evaluation of some senior high school curriculum practices in Pennsylvania. Master's thesis, 1930. New York university, New York, N. Y. 85 p. ms.

This study covers the relation of the State to the local community in curriculum determination but bears principally on the evaluation of certain practices regarding the organization and administration of the high school program of studies as advocated by the State department of public instruction

2985 Texas. State department of education. Outline course of study for elementary schools. Austin, Texas, 1930. 33 p. (Bulletin, no. 274)

2986 Tippit, Pearl Campbell. The development of the elementary school curriculum in America. Master's thesis, 1929. University of Colorado, Boulder. 115 p. ms.

Historical review from 1607 to 1929, showing economic and social influences, appearance of various subjects, etc. Findings: Scripture was first taught; arithmetic was first taught in 1635; ancient languages in 1650; spelling in 1740, grammar in 1734; oral language in 1800; geography in 1783; object lessons in 1862; agriculture in 1905; civics in 1832; history in 1822; music in 1836; drawing in 1812; manual training and home economics in 1870. Two subjects were taught in 1642 and 23 in 1929

2987 Washington. State department of education. Elementary course of study, State of Washington, 1930. Olympia, Wash., 1930. 637 p.

An attempt to offer to the teachers of Washington the best possible suggestive program, a carefully worked out guidebook of general directions, a systematized, coordinated working plan

2988 Willey, W. M. Better instruction through an improved high school curriculum. Western state teachers college, Bowling Green, Ky. High school teacher, 6: 22-23, January 1930

2989 Wisheart, Roy P. Guiding principles of elementary curriculum revision for the State of Indiana. Indianapolis, State department of public instruction, 1929. 13 p. (Bulletin, no. 107)

2990 ——— Report form for evaluation of course of study. Indianapolis, Ind., State department of public instruction [1930?] 23 p.

An evaluation of secondary school courses of study

2991 Yates, James Anderson. The type of high school curriculum which gives the best preparation for college. Lexington, University of Kentucky, 1929. 106 p. (Bulletin of the Bureau of school service, vol. 2, no. 1, September 1929)

Complete high school and college transcripts of 706 graduates of three universities were obtained. The influence of the type of high school curriculum on college success was found to be negligible

See also 7, 13, 82, 126, 632, 721, 1831, 1866, 1924, 1934, 1947, 1955, 2004-2005, 2037, 2040, 2072, 2086, 2090-2091, 2107, 2129, 2151, 2154, 2448-2449, 2559, 2812, 3334, 3344, 3364, 3375, 3392, 3420, 3442, 3485, 3628, 3656, 3754, 3766, 3775, 3806, 3830, 3920, 3924, 3926, 3928, 3942, 3945, 3951-3953, 4064, 4075-4076, 4096, 4134-4135, 4142-4143, 4146, 4148, 4150, 4153, 4188, 4197-4198, 4203, 4225, 4229, 4237, 4239, 4240, 4245-4248, 4297, 4309, 4354, 4420, 4508, 4534, 4537, 4561; and under Special subjects of curriculum.

## EXAMINATIONS

2992 Agnew Jesse S The relation of new type examinations to study habits Master's thesis 1930 George Peabody college for teachers Nashville Tenn 52 p ms

Study habits of high school boys at Bailey military academy Greenwood S C Findings Old type examination is superior for motivating immediate knowledge from day to day and in solving new situations The new type is apparently superior for motivating general information and contacts with general reading and comprehension

2993 Bamford E F Analysis of a final examination as a means of improved teaching Journal of educational sociology 3 200-17 December 1929

Shows how the writer has learned certain ways of improving his instruction in an introductory course in sociology by examining the final examination

2994 Barnes Elinor J and Pressey S L The reliability and validity of oral examinations School and society 30 719-22 November 23 1929

Reports an attempt to obtain some experimental evidence regarding the reliability and validity of oral examinations Twenty four graduate students in a class in the psychology of adolescence at Ohio state university were divided into six committees of four each A candidate was chosen from each committee and examined three times by three different committees on the general subject matter of the course and its bearings on educational problems Comparisons were made between ratings of the candidates by different committeemen and different committees and the ratings related to final marks in the course The relationships were decidedly low The importance of a scientific experimental attack upon problems of higher education is emphasized

2995 Bowers Henry and Franklin, E Margaret The relative discriminative value of sensible and trivial questions in history School (Toronto) 18 781-80 May 1930

Comparison of a conservative essay type examination with an objective test composed of trivial, irrelevant isolated items showed no superiority of the former

2996 Brown Minter E A comparison of the predictive values of county examination and teachers pupils together with a study of the efficacy of the review period in the rural and graded schools of Pratt county Kans Master's thesis 1930 University of Kansas Lawrence

2997 Caldwell Jessie Beaton The influence of intelligence upon performance in new and old type examinations Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 51 December 1930 (Abstract)

A study to determine whether new types in true false completion and multiple choice forms were more or less reliable than old type tests in measuring the performance of pupils on the three following levels of intelligence above 110 IQ 100 to 109 IQ below 100 IQ The study conducted during the first term of the year 1926-1927 in Fort Worth Tex included 464 1 A and 1 B Latin pupils taught by seven teachers in four different high schools The same procedure was followed in the study of the performance of the 1 B division 82 of whom took the new type and 76 the old type examination Data indicate that the reliability of the new type test is much higher than that of the old type except in the case of the true-false form

2998 Corey, Stephen Maxwell The effect of weighting exercises in new type examinations Journal of educational psychology 21 383-85 May 1930

In this study weighting is shown to have an important influence on reliability

2999 Curtis Francis D and Woods Gerald G A study of the relative teaching values of four common practices in correcting examination papers School review 37 615-23 October 1929

The four methods of correcting new type examination papers studied are pupils checked incorrect answers on their own papers as teacher read correct answers teacher collected the papers and checked incorrect items as wrong but made no corrections, teacher collected the papers and wrote in all corrections and discussed item by item after the papers were returned to pupils teacher collected the papers and wrote in all corrections and encouraged pupils to ask questions about them when the papers were

returned The study was carried on in the science department of the University high school University of Michigan during the years 1924-1928 The method most valuable to the pupils is the one in which they check the incorrect items on their own papers during a discussion of the test items

3000 Dyche Frederick Ernest The use of the new type tests in rural county examinations Masters thesis 1930 Stanford university Stanford University Calif

3001 Eells Walter Crosby Reliability of repeated grading of essay type examinations Journal of educational psychology 21 48-52 January 1930

Reports the results of an experiment in regrading the same set of materials after an interval of 11 weeks by 61 different teachers Findings Repeated grading of the same essay type of material by the same teachers after an interval of time is very unreliable Variability of human judgment in the same individual is about the same as variability between different individuals

3002 Eurlch Alvin C An evaluation of four types of examinations 1930 University of Minnesota Minneapolis

Evaluates essay completion multiple-choice and true-false examinations when each covers exactly the same material The four types of examinations considered are approximately equal in reliability and validity It was found that students prefer the multiple-choice and true-false examinations more than they do the essay and completion tests

3003 Hesnard Theodore Gustave A comparative study of old type and new type examinations among pupils of varying levels of intelligence Masters thesis 1929 University of Colorado Boulder 77 p ms

An experiment conducted at Thermopola Wyo 1928-1929 with five groups of junior high school and two groups of senior high school students New type tests were given first old type one week later Findings New type test correlates higher with IQ in five cases out of seven in two other cases the difference is very slight New type test does not favor pupil of low intelligence

3004 Hoffman Charles L Relative effect of traditional and new type tests upon study habits of pupils Masters thesis 1930 University of Iowa Iowa City 46 p ms

3005 Honesty in college examinations under the honor system By a professor of education School and society 31 577-80 April 28 1930

Thirty questions of the true-false and multiple-choice types were prepared and given to 72 freshmen and 57 juniors under identical conditions The content of the tests differed according to the course for the two classes but the number difficulty of questions and the amount of time required were practically the same for both Data indicate that even under the honor system there is a rather high percentage of dishonesty in examinations and that this tendency increases in proportion to the consciousness of the examination in relation to forthcoming grades

3006 Irwin Clarence The relation of pupil achievement on oral true-false questions to achievement on the same questions when written Journal of educational research 21 316-18 April 1930

3007 Jansen Esther A An experimental test of the true-false examination as a teaching device in high school history Masters thesis [1930] New York state college for teachers Albany

Findings Students respond true to false statements more readily than false to true statements The test is not rated highly as a teaching device

3008 Jensen M B and others The relative merits of three methods of administering objective examinations 1930 Central state teachers college Mount Pleasant Mich

Three methods of presenting true-false tests under conditions designed to control practice effects showed no mean advantage with visual-oral or visual-oral method Evidences of individual idiosyncrasies were found

3009 Jersild Arthur T Examination as an aid to learning Journal of educational psychology 20 602-609 November 1929

In trying to determine the value of examinations as aids to learning the equivalent group method of experimentation was used



3010 Johnson Helen Elizabeth. A study of state teachers examinations. Master's thesis 1929 University of Colorado, Boulder 42 p. ms

Comparative evaluation of 4 000 questions by state authorities versus evaluations by college students Findings Those who have studied essay examinations give high place to selective recall type Little correlation was found between evaluations

3011 Johnson LeRoy Wolfe The influence of intelligence upon performance in examinations Master's thesis 1929 University of Colorado Boulder 66 p ms

Performance of high school freshmen of varying ability (native) on old type and new type tests Findings Pupils of high IQ perform better on both types of tests and also more in accordance with their ability on new type examinations

3012 Jones Rodmen McClenny A study of a combination multiple-choice-true false examination Master's thesis 1929 University of Colorado Boulder 37 p ms

Four ways of scoring a specially constructed examination first developed and then administered to a group of students Findings Students were more successful answering the true statements than false They answered 62 per cent of best answer group correctly On repetition of test gain was but 12 points

3013 Kellogg, Chester E Relative values of intelligence tests and matriculation examinations as means of estimating probable success in college School and society 30 893-96 December 28 1929

In 1927 students who were enrolled in Psychology 1 at McGill university were given Thurstone a psychological examination for college freshmen and the revision of United States Army alpha issued by the Psychological corporation The correlation between the test results was very low The correlation between matriculation records and scholarship in the freshman year was high A study of the scholarship records for the second and third years shows that matriculation is less and less effective as a basis of estimates and test intelligence counts more and more as the course goes on and its content diverges from that of the high school curriculum

3014 Lane Howard A A study of the value of the county diploma examination for predicting success in the smaller high schools of Kansas Master's thesis 1930 University of Kansas Lawrence

3015 Levine I Bert The conduct of examinations in the high schools of New York State Master's thesis, 1930 New York university New York N Y 50 p ms

Analysis of methods of conducting examinations in New York State with special emphasis on State regents examinations Findings Examinations are not conducted throughout New York State with the greatest amount of efficiency Recommendations are offered for remedying this situation

3016 Meconnahey Joseph H New type examinations for the English courses at Newton N J high school Master's thesis 1930 Lafayette college Easton Pa 150 p ms

3017 Maxon A L Report on uniform examinations in intermediate schools January 1930 Department of public instruction, Schoenectady N Y 15 p ms

Tabular and graphical report on 14 uniform examinations by schools and for city Findings The results on regents examinations for 9-A grade are superior to those on examinations similar to the regents type for 9-B grade Poor showings were made by commercial students on examinations based on local course of study designed for them

3018 Miller Lawrence William An experimental study of Iowa placement examinations Iowa City The University 1930 116 p (University of Iowa studies first ser no 181 June 15 1930 Studies in education vol 5 no 0)

Bibliography p 113-115

Undertakes a critical analysis of certain Iowa placement examinations and reconstructs or modifies them in the light of principles derived from the analysis In some cases the modifications are slight in other cases radical changes in content and in testing techniques are involved New materials new techniques and new principles are developed

3010 Newman Sadie K. In analytical study of some phases of the work of the board of examiners of the public school system of New York City. Master's thesis, 1929. New York University, New York, N. Y. 50 p. ms.

3020 Pease Glenn R. Should teachers give warning of tests and examinations? *Journal of educational psychology* 21 273-77 April 1930

A group of 408 students of whom 30% were college students and 106 were high school pupils were studied to ascertain the effect of cramming on immediate and delayed retention. The study indicates that the value of cramming is in direct proportion to the intelligence of the one doing the cramming.

3021 Puckett Roswell C. Final examinations. *American school board journal* 81 72-74 July 1930

Questionnaires on final examinations were sent to 100 large high schools in Ohio, Michigan, Indiana and West Virginia. Returns were received from 82 schools and were tabulated by states. Data indicate that the majority of schools are still holding formal final examinations of 90 minutes or more in length.

3022 Robb Amy. Objective examination methods in high school social studies. Master's thesis, 1930. University of Iowa, Iowa City. 156 p. ms.

3023 Robertson Frank O. An analytical study of the North Dakota state science examination system from 1927-1929. Master's thesis, 1930. University of North Dakota, University.

3024 Ruch G. M. Recent experiments on new type examinations. *Los Angeles educational research bulletin* 10 2-5 8 March 1930

A critical review of recent studies of objective examinations from the standpoint of supposed variability of teachers' marks, negative suggestion effect of true-false tests, effect of the order of response words, directions and scoring methods, proposed modifications of the true-false test, instructional values of objective tests, and specific determiners in objective tests.

3025 Staifelbach Elmer H. Weighting responses in true-false examinations. *Journal of educational psychology* 21 136-39 February 1930

A true-false test consisting of 60 statements was given a group of eighth grade pupils in social science. Data on 244 pupils were studied statistically. There appears to be a tendency to reward the pupil who not only knows what he knows but also knows what he does not know.

3026 Talbott E. O. and Ruch G. M. Minor studies on objective examination methods. II. The theory of sampling as applied to examinations. *Journal of educational research* 20 199-206 October 1929

An examination of these studies showed that the essay question called forth two-fifths of the pupils' knowledge and that the essay examination required two times the amount of time required by the objective examination to treat the same unit of subject matter.

3027 Trabue M. R. North Carolina high school senior examination. *High school journal* 12 251-63 November 1929

3028 Wells F. L. A short answer examination in psychiatry. *Journal of genetic psychology* 37 300-14 June 1930

The author describes a short answer examination of 100 items used in the department of psychiatry of the Harvard medical school in its third year examinations.

3029 Wheatley Benjamin W. and Davis Robert A. The teacher's use of objective examinations. *Educational method* 9 420-27 April 1930

One hundred fifty-eight replies received to a questionnaire distributed to students in attendance at the 1928 summer session of the University of Colorado showed that high school teachers use objective examinations which they know to be reliable in 33 per cent of the cases. These objective methods influence the final mark about 17 per cent. Teachers consider the ability to produce or use the information secured from a course as the most important single factor in the daily mark. The term examination is scored on the basis of an objectively applied curve system by 27 per cent of the teachers. The final mark is

scored on the basis of an objectively applied curve system by 81 per cent of those who score their final marks on a curve system. The author suggests ways of improving the teachers' use of objective examinations.

See also 1062 1174 1437, 1450 1529 3101 3157, 3724

### EXTRACURRICULAR ACTIVITIES

3030 Adams, Cato W. *Relationship of academic failures to eligibility for participation in extracurricular activities* 1929 University of Pennsylvania Philadelphia

3031 Adams, Lucy H. The participation of teachers college students in extracurricular activities 1929 Colorado state teachers college Greeley 6 p. 1370 questionnaires were filled out in assembly and every third one (a total of 440) was used for classification. Interviews were held in the office of the dean of women to find out why 166 of the 440 students did not belong to any organization. College records, high school records and entrance test scores were studied before the students were interviewed. The suggestions and the personal reactions of the interviewer were recorded. These cases were followed in order to note changes in time emphasis.

3032 Anderson, Earl W. *Extracurricular duties* Educational research bulletin (Ohio state university) 8 315-17 October 9 1929

A study of 110 beginning teachers to find the number of extracurricular duties engaged in by these teachers. The results of this study indicate that a definite preparation for supervision of these functions should be a required part of teacher training courses.

3033 Barrett, John F. *Financing extracurricular activities in the secondary schools* Master's thesis 1930 Rutgers university New Brunswick N. J.

3034 Bellingrath, George C. *Qualities associated with leadership in the extracurricular activities of the high school* Doctor's thesis 1930 Teachers college Columbia university New York N. Y. New York city Teachers college Columbia university 1930 57 p. (Contributions to education no. 399)

3035 Brill, Goldie V. *The problem of extracurricular activities in the high school* Master's thesis, 1929 Indiana state teachers college Terre Haute ms.

Extracurricular activities in Washington high school East Chicago Ind. were studied and compared with the theory of authoritative educators. General aims and objectives were formulated. The realization of the aims and objectives through social activities was found to be conducive to the welfare of the school and the promotion of student welfare.

3036 Brown, Rice E. *Student activities in the high school* Master's thesis 1930 University of Kansas Lawrence

A study of extracurricular activities in the high school, the general scope of such activities, the per cent of students taking part, credit given, scholastic comparison of students in activities and those who are not, and financing student activities.

3037 Chapman, H. B. *Extracurricular activities in secondary schools* In 100th annual report of the Baltimore board of school commissioners 1928-1929 Baltimore Md. Department of education [1930] p. 79-81 82.

A report on the nature and value of extracurricular activities in secondary schools derived from the experience of the principals of these schools.

3038 ——— *Use of assembly halls in secondary schools* In 100th annual report of the Baltimore board of school commissioners 1928-1929 Baltimore Md. Department of education [1930] p. 74-83.

A study of the use of auditoriums in secondary schools and of various types of student assemblies. The data were furnished by school principals who were also invited to discuss the values resulting from student assemblies.

3039 Chouinard, Rei, Anthony. *Extracurricular activities in Catholic high schools* Master's thesis, 1930 Catholic university of America Washington D. C. 59 p. ms.

3040 Church, Helen Landers. *The school assembly* Master's thesis, 1929 Teachers college Columbia university New York N. Y. 25 p. ms.

3041. Copp, Dalia Z. Out of school activities of fourth, fifth, and sixth grade children in Honolulu Master's thesis, 1930 University of Hawaii, Honolulu 140 p ms

3042. DeVore, Romney Wilson Quantitative evaluation on the basis of time, of the extracurricular activities of Hamilton high school, 1928-1929 Master's thesis 1930 University of Cincinnati, Cincinnati Ohio 39 p ms

The organization used in Hamilton high school for administering extracurricular activities is described in detail with the average time devoted to each activity, and the number of participants given in tabular form. It is recommended that credit be awarded on the basis of time alone on the same time basis that laboratory credit is allowed

3043. Dowell, Anita S and Snyder, Agnes The relation of scholarship rating to the number of extracurricular activities carried by normal school students [1930] State normal school, Towson Md

3044. Eells, Walter Crosby and Brand, R Romaine Extracurriculum activities in junior colleges in California School review, 30 276-79 April 1930

Information submitted by 2924 students in junior colleges on October 1 1928 was studied It appears that the junior colleges are giving ample opportunity to their students to secure the benefits from moderate participation in extracurricular activities

3045. Elam, Margaret Jewell An appraisal of programs of co-curricular activities Master's thesis 1930 George Peabody college for teachers Nashville, Tenn 98 p ms

A study based on current literature found in George Peabody college library on the subject of extracurricular activities 1910-1930 Evidence points to the fact that the program of co-curricular activities contributes to aims of secondary education character building and scholarship

3046. Evans, Charles Ray Legal status of extracurricular activities in public secondary schools of the United States Master's thesis 1930 University of Cincinnati, Cincinnati, Ohio 56 p ms

During 1929-1930 a questionnaire was sent to the chief school officer of the states territories and insular possessions of the United States to find out present legal provisions affecting extracurricular activities in high schools use of buildings and facilities administrative rulings of state and local authorities in the field list of judicial decisions growing out of extracurricular activities legality of admission charges to extracurricular activities and provisions for cost of transporting pupils to these activities Findings Approximately two thirds of the states have some law on extracurricular activities most of which is on the wider use of school buildings, the tendency is to vest in the local school board a large discretion in granting the use of the buildings

3047. Fennessy, Beth Nash Administering extracurricular activities in senior high schools Master's thesis, 1930 University of Southern California, Los Angeles ms

3048. Flowers, John G The high school assembly 1930 State teachers college, Montclair, N J Trenton, N J State department of education, 1930 39 p (Montclair studies in education no 1)

A study of 95 high school assemblies in the State of New Jersey Gives recommendations as to the administration organization and execution of the assembly

3049. Geissinger, John G The control and administration of extracurricular activities in the secondary school Master's thesis, 1929 University of Pennsylvania, Philadelphia 61 p ms

A study of 10 suburban high schools in the metropolitan area of Philadelphia A plan is suggested for the control and administration of extracurricular activities in the Jenkintown high school, Jenkintown Pa

\*3050 Johnston, Edgar G Point systems for guiding, stimulating and limiting pupil participation in extracurricular activities Doctor's thesis, 1930 Teachers college Columbia university, New York, N. Y New York, A S Barnes and company, 1930 160 p

An investigation of the practice of 350 schools in extracurricular activities together with a survey of pupil participation in a typical school and the cooperative development

of a point system for the school Findings cover the types of systems in use an analysis of practice generally in limiting participation a study of systems used for stimulation activity methods in use for guidance provision for administration of a point system and types of record forms in use

30.1 Judd Ruth Chapman The control of extracurricular activities by a point system Master's thesis 1930 University of Southern California Los Angeles ms

30.2 Knox James E. and Davis Robert A. The scholarship of university students participating in extracurricular activities Educational administration and supervision 15 481-93 October 1929

The scholarship of students participating in extracurricular activities was compared with that of students not participating during the school year 1927-1928 at the University of Colorado There were 834 participants and a non-participant group of 4523 The study indicated that those who participated ranked higher scholastically than those who did not that women in activities had a much higher standing scholastically than the men in activities that the type of activity in which the student participates has some relation to the scholarship of those concerned and that the number of activities in which an individual participates is an important factor in scholarship

30.3 Lawson Fred Douglas A survey of the administration problems of club activities Master's thesis 1929 University of Kansas Lawrence

30.4 Little Adrian An experiment with an assembly program Master's thesis 1930 Indiana University Bloomington 98 p ms

30.5 Loder George E. Extracurricular activities in the high schools 1930 Agricultural and technical college Greensboro N C

An analysis of present attitudes toward extracurricular activities in the light of the modern high school objectives of extracurricular activities and what has been done in the negro schools of Greensboro N C

30.6 McClintock Ray H. Survey of extracurricular activities in the San Jose schools Master's thesis 1930 Stanford University Stanford University Calif 111 p ms

30.7 McKelvey Dorothy Leslie A study of interest values in junior high school assembly programs Master's thesis 1929 University of Denver Denver Colo 49 p ms

Fifty hundred pupils in one junior high school and 350 in another in Denver were asked to answer a questionnaire Conclusions Assembly is necessary it is one means of reaching every pupil Cooperation of authorities and teachers and pupils is necessary to perfect this period Children like assemblies and most of them would rather have fewer and better ones Most of the children desire the type that encourages involuntary attention especially the short play

30.8 Mark George E. The administration of guidance in extracurricular activities Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 326-27 November 1930 (Abstract)

30.9 Melville Eva Edgerly Creative assembly programs Master's thesis 1930 University of New Hampshire Durham 76 p ms

A series of assembly programs prepared for junior high schools

30.10 Miller John Carroll A survey of the sources and of the methods of administration of extracurricular and student organization funds in the high schools of South Dakota Master's thesis 1930 University of South Dakota Vermillion 91 p ms

30.11 Monroe Walter S. The effect of participation in extracurricular activities on scholarship in the high school School review 37 747-52 December 1929

Data on extracurricular activities in the senior high school Kenosha Wis were compared with similar data secured from three Illinois high schools Data indicate that participation in extracurricular activities in the Kenosha senior high school does not affect adversely the scholastic standing of pupils Results indicate that extracurricular activities in the schools studied were beneficial rather than detrimental

3062 Oliver, Maude Louise Administration of extracurricular activities in the junior colleges of California Masters thesis 1930 University of Southern California Los Angeles ms

3063 Park Joseph C Extracurricular activities of teachers in junior and senior high schools Vocationist 18 3-9 March 1930

3064 Predmore Charles A survey of student activities in the high schools of the State of New Jersey Masters thesis 1930 Rutgers university, New Brunswick N J

3065 Price, Blanche Effect of participation in co-curricular activities on grades 1930 West Virginia university Morgantown

3066 Richard Clarence W Business management and analysis of student activities Masters thesis 1929 University of Nebraska Lincoln 83 p ms Educational research record (University of Nebraska) 2 106-17 February 1930

A study was made to determine to what extent superintendents approach the desirable standards in regard to the organization and management of student activities to analyze and study the status of student activities found in different sized schools and to suggest certain principles criteria and organization for handling student activity funds effectively Two hundred and twenty one replies to questionnaires were received and studied

3067 Rugg Earle Underwood Summary of investigations relating to extra-curricular activities Greeley Colorado state teachers college 1930 304 p (Colorado state teachers college Education series no 9)

Fifteen of the graduate theses which were initiated in the Department of education of Colorado state teachers college on the practices in various types of extracurricular activities form the basis of this book The chapters describe largely the administrative organization of the various extracurricular activities

3068 Sanford Russel Mussey The use of school auditoriums Masters thesis 1929 University of California, Berkeley 62 p ms

A study to ascertain to what extent the auditorium is used in the senior high schools junior high schools and elementary schools of San Francisco Oakland Berkeley Alameda and Richmond Findings There is no mathematical relationship between the enrollment of the school and capacity of the auditorium within any one type of school or between cities Compared with other cities San Francisco ranks lowest in regard to seating capacities of the junior high schools Berkeley and Richmond rank highest The auditorium of the median senior high school is in use 64 per cent of the time elementary school 34 per cent of the time and junior high school 40 per cent of the time The auditorium is probably the least used room in most schools

3069 Selgfred Earl C The assembly as a school project Masters thesis 1929 Teachers college Columbia university New York N Y 31 p ms

3070 Severinsson, Charles A Extra classroom activities in junior high school and small systems in North Dakota Masters thesis 1930 University of North Dakota University

3071 Sherman Selwyn Howard Status of extracurricular activities in accredited high schools of Alabama Masters thesis 1929 George Peabody college for teachers Nashville Tenn 110 p ms

3072 Smith G B The relation between participation in student activities in high school and in the university Masters thesis, 1930 University of Minnesota Minneapolis

3073 Sneed Guy Wilson The organization of intramural activities for high school boys Masters thesis 1929 George Peabody college for teachers Nashville Tenn 102 p ms

30\*4 Sporing William Dwight The status of extracurricular activities in Kentucky high schools Master's thesis, 1930 University of Cincinnati Cincinnati Ohio 53 p ms

Findings Approximately three-fourths of the schools studied have some type of program for extracurricular work All schools seem to place the responsibility of financial control on the principal Approximately one-fourth of the student bodies take part in some athletic sport Dramatics is extremely popular in all of the schools

30\*5 Stiles Lottie Altizer Self initiated activity as provided for by recent school organizations Master's thesis 1929 George Peabody college for teachers Nashville Tenn 52 p ms

30 6 Virginia normal and industrial institute, Ettrick Va Extracurricular activities Ettrick Va Virginia normal and industrial institute 1929 28 p (Virginia normal and industrial institute gazette vol 34 no 3 December 1929 Faculty study club number)

See also 114 171 2009 2205 4079 4319 and under Athletics Journalism Play and recreation

#### FAILURES OF PUPILS

30\*7 Barr H M City wide pupil failure report June 1929 Public schools Portland Oreg 2 p ms November 1929 1 p ms

City wide surveys of failures

3078 Bixler H H Report of failures by departments junior and senior high schools first semester 1929-1930 1930 Board of education Atlanta Ga 5 p each

Routine analysis of failures by departments junior and senior high schools Atlanta Ga Findings There is a slight tendency toward the reduction of failures

30\*9 Busby Lois A study of failures in Algebra I Master's thesis 1930 University of Illinois Urbana 90 p ms

A study of the causes of failures The most important cause was found to be in difference to subject matter

\*3080 Cheyney, W Walker Rate of progress and the IQ Doctor's thesis 1930 University of Pennsylvania Philadelphia Philadelphia University of Pennsylvania 1930 98 p

3081 Coffman Erma A study of 108 probation students Master's thesis [1929] Ohio state university Columbus 163 p ms

A detailed diagnostic study of 108 cases of probation was undertaken to locate the actual factors involved in academic failure Each one of these students was studied very carefully for one quarter while he was enrolled in Psychology 411 a course giving training in study methods

3082 Dally Roy T Reteaching in the Warren Ohio junior high schools its costs causes and effect on student morale Master's thesis 1930 University of Akron Akron Ohio 95 p ms

Three junior high schools of Warren Ohio were studied for failures in major subjects Findings About 78 per cent of pupils who fail in major subjects do so for some reason other than low mentality

3083 Dales, O P Non promotions in the Passaic high school 1929 Public schools Passaic N J 31 p ms

Ascertain facts of non promotion and the causes thereof in order to devise some remedial procedure Some of the conclusions drawn from this study are (1) small classes are advantageous in algebra and commercial arithmetic (2) class size is an item but not so important in the case of English and Latin (3) passing marks required by the grades and high school vary too much (4) immaturity is not a cause of failure pupils are failing because of too much outside work absence is shown to be closely allied to failure English difficulties probably affect failures They are not so important as commonly believed They probably cause failures in English

3084 Daly, Marion Elizabeth Causes of failure in the fourth and fifth years of the elementary school Master's thesis 1929 New York university, New York N Y 54 p

3085 DeBusk, B W Failure survey January 1930 1930 Public schools Portland, Ore 7 p ms.

A study of all of the Portland elementary public schools Findings Improvement shown in the past year and one-half is being steadily maintained

3086 Denver, Colo Public schools Department of research Case studies of failures in senior high schools for the first semester, 1929-1930

3087 ————— Check of senior high school failures 1930 40 p

3088 Dolley Jesse E A study of freshmen failures in college of literature science and arts in University of Michigan 1926-1927, 1927-1928 1928-1929 Master's thesis 1930 University of Michigan Ann Arbor 68 p ms

A study to determine some causes of failure among freshmen at the University of Michigan Special effort was made to determine bearing of intelligence previous training and social and economic factors upon freshmen withdrawals Study involves 373 failing and 371 non failing freshmen Findings (1) Successful freshmen had considerably higher scores in entrance examinations (2) successful freshmen received approximately three times as many scholastic honors and recognitions in high school and failed in only half as many subjects as the non-successful freshmen, (3) students conspicuous in high school athletics are also conspicuous among failures during the freshman year of college etc

3089 Elwell John William A review of pupil failure in the elementary schools of Hamilton Ohio Master's thesis, 1930 University of Cincinnati, Cincinnati Ohio 65 p ms

A study of 67463 cases of failure of pupils in grades 1-8 in the elementary schools of Hamilton Ohio for the years 1911 to 1928 inclusive showed that the highest rate of failure occurred in the fourth and sixth grades and the lowest in the eighth grade The rates are higher than the average found in studying reports made from other cities. Most of the pupils received their lowest marks in arithmetic geography English and history Significant sex differences were found More girls than boys skip grades Girls spend more time in doing home work than do boys and the average of girls marks is five or six points higher than that of boys Work in the elementary grades in Hamilton Ohio is poorly organized and standardized and lacks adequate and competent supervision

3090 Eustace Mary M A study of the reactions of high school failures towards segregation Master's thesis 1930 College of the City of New York New York N Y 194 p ms

Survey of the effects of segregation of 85 failures in high school Small improvement in achievement resulted but other effects mostly emotional seemed detrimental

3091 Ferguson V P Causes of failure of college freshmen in physics Master's thesis 1930 George Peabody college for teachers Nashville Tenn 32 p ms

A study of 21 institutions with 612 students Findings Failures were caused by (1) lack of study (2) lack of mathematical preparation, (3) athletic participation (4) objections to laboratory work, etc

3092 Galbraith Rowena U A study of the causes and remedies of ninth grade English failures Master's thesis, 1930 University of Illinois Urbana 68 p ms

In this study the necessity of individual treatment and adaptation of subject matter was established

3093 Hoist, John R. The problem of pupil failure. Los Angeles educational research bulletin 10 9-13 March 1930

A study of pupil failure in the Venice high school where until recently there has been no suitable plan for conducting a guidance program which would offer constructive and sympathetic aid in saving pupils from failure Gives a plan for handling the pupil failure problem The grade distribution report showed among other things that the drive on failures seemed to have produced results



3004 Kingsley John H. The relation of performance to ability under formal grade organization. A seventh grade study with many questions including what is failure? 1930. *Public schools Albany N Y* 11 p ms

This study is a complete review of the procedures, the materials and the analysis sheets of the seventh grade class distribution charts. It was found that the superior child was not working up to his ability. This is a new conception of failure.

3005 Kurtz, Stanley M. A study of subject failures in the Borough senior high schools of Berks county Pa. Master's thesis, 1929. University of Pennsylvania Philadelphia 76 p ms

List of causes of failure were revealed by the investigation.

3006 Long Beach Calif. Public schools. Department of research. Percent of failures in elementary schools. February and June 1929. 7 p ms

Reports of failures show the need for continued study of the problems in the various grades. The highest per cent of failures is in grades 1-B to 2-A inclusive. Is this due to standards of promotion, the length of the school day or some other cause?

3007 McGill Carrie Bell. A study of causes of failure in first year algebra. Master's thesis 1929. University of Kansas Lawrence 50 p ms

3008 McMaster Dale. Case studies of failing pupils in seventh year reading and arithmetic. University of Pittsburgh school of education journal 5 30-46 December 1929

A study was made of 22 maladjusted children in the seventh grade of the Cochran junior high school Johnstown Pa. Case studies were made by means of intelligence tests, classification tests, standardized and nonstandardized subject tests, school records, physical examinations, and interviews. The study showed that no two cases are identical and that therefore effective diagnosis and remedial teaching must have as a basis the facts obtained by a thorough case study of each problem pupil.

3009 Margon, Louis. Some of the causes of the failure of geography in the elementary schools from the teacher's standpoint. Master's thesis [1930] New York university, New York N Y 57 p ms

3100 Miller, Joseph. Causes of success and failure in the classroom 1930. Public schools Wilkes Barre, Pa. 9 p ms

3101 Neece, Lloyd B. An investigation of some factors attending the failure of 54 pupils in the seventh and eighth grades in the county diploma examination Greenwood county, Kans. Master's thesis 1929. University of Kansas Lawrence

3102 Peters, Samuel Everett. A study of failures in two California high schools. Master's thesis 1930. Stanford university Stanford University, Calif

3103 Pyle, W. H. A psychological study of some high school failures. *School and society* 31 819-20 June 14 1930

Thirty three school pupils who were failing in all or nearly all of their studies were studied to determine the causes of failure and if possible to find a remedy. An experimental diagnostic study was made of each pupil. The experiments used with the failing students were given to the four brightest and most successful pupils in the senior class. Twenty-eight of the poor pupils were equal to the average of their age or better in one or more functions and each of the four bright seniors was only average or below average in at least one function. The poorest students in this high school excelled the best students in some aspect of learning. Conclusions: A common literary type of education for all pupils is impossible.

3104 Ramey, Alfred Kirk. A study of 60 failing students in the Lowther junior high school during 1928-1929 Emporia Kans. Master's thesis, 1930. University of Kansas Lawrence 49 p ms.

3105 Reid, Mabel A. Pupils analyses of school failure. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 360-61 November 1930 (Abstract)

3106 Rider A. Leeb. An investigation of freshmen failures at the University of Florida based upon a study of 100 men from five small Florida standard high schools. Master's thesis 1930. University of Florida Gainesville

3107 Robb E. K. A study of failures in high school and remedial plans. Master's thesis 1929. Pennsylvania state college. State College. 49 p. ms.

Statistical and case studies in high schools of Bedford 1a and Hollidaysburg 1a

3108 Roland Henry Isaac. A study of failures in Shelby county Tenn high school. Master's thesis 1930. George Peabody college for teachers Nashville Tenn. 60 p. ms.

A study was made of 50 promoted pupils and 50 failures in three Shelby county schools in 1928-1929. Findings: Low intelligence and poor attendance are factors causing failure. Transition and physical defects had little if any influence on failure.

3109 Rose Marion. A study in promotions and failures as affected by sex. Master's thesis 1929. University of Kansas Lawrence.

3110 Santa Monica Calif. Public schools. Department of research. Report of pupil failures for the term ending June 1929 elementary schools 1929. 6 p. ms.

3111. ———— Report of pupil failures for the term ending June 1929 junior and senior high schools. 1929. 15 p. ms.

3112. ———— Report of pupil failures for the term ending February 1930. 24 p. ms.

3113 Smith Vann Hermon. High school failures in a small community. Master's thesis 1930. New York university. New York N. Y.

3114 Stalnaker J. M. and Remmers H. H. What kind of high schools contribute to college failures? Lafayette Ind. Purdue university 1930. 30 p. (Bulletin of Purdue university vol 30 no 5 March 1930. Studies in higher education 14).

From a study of student elimination from Purdue university from 1900 to 1929 involving 6,270 students enrolled, it was found that a significant relationship existed between elimination and size of high school and length of school term.

3115 Wheelug W. Va. Public schools. Department of research. A study of the ninth grade failures for the first six weeks in English 1929-1930. 5 p. ms.

This study was conducted with a view to making such changes as might be necessary in the curriculum to eliminate failure as much as possible.

3116 Whytock N. R. and Fritch C. Lorene. Report of pupil failures in the Glendale city schools for the school year 1929-1930. 1930. Public schools Glendale Calif.

3117 Williams J. Harold. Report of pupil failures for term ending January 31 1930. 1930. Public schools, Santa Monica Calif. 24 p. ms.

Includes data from first grade through senior high school.

See also 329 549 1656 1930 2:40 2:66 3050 4:26 4435 and under Subnormal children.

#### HOME ROOMS

3118 Coombs Ann Amelia. A study of the purposes methods of classification, and plans of activities of the home-room as presented in educational literature and the practices of the Los Angeles junior high schools. Master's thesis 1929. University of Southern California Los Angeles. 79 p. ms. National education association. Department of secondary school principals bulletin 34 103-4 January 1931. (Abstract).

A study to determine the purposes methods of classification and plans of activities of the home-room as presented in educational literature and evidenced in junior high school home-rooms in the Los Angeles city schools. Data were secured from books and

magazine articles observations on the conduct of the home-room in various schools and interviews with principals counselors and home-room teachers in Los Angeles junior high schools

3119 Corrigan E J The home room School review 38 300-306, April 1930

The home room organization which is used in Detroit may be defined as a large number of one room schools gathered under one roof The objectives of the home room are to furnish an opportunity for pupil participation in the administration of affairs concerning the pupils to emphasize and capitalize the worthy achievements of boys and girls to clear up pupils difficulties to start pupils happily on their days journey to teach citizenship and to train character The home-room teacher has one group during the home room period for three years and teaches the same group in her particular subject so that she may be better acquainted with the pupils Typical home room programs for a week are given

3120 Denver Colo Public schools Department of research An investigation to determine the value of home-room activities in developing personality and in improving the achievement of low mentality pupils 1930

3121 Elder William Fitch Function of the senior high school home-room in the guidance program of the Oakland schools Masters thesis 1930 University of California Berkeley 61 p ms

Determines the possibilities of the home-room as a means of guidance in the Oakland senior high schools

3122 Geyer George Function of the home room in the Oakland junior high schools Masters thesis 1930 University of California Berkeley 87 p ms

Compares present practice in Oakland with recommendations of experts in the junior high school field for such functions of the home room for which recommendations are available

3123 Kefauver Grayson N and Scott Robert E The home room in the administration of secondary schools Teachers college record 31 624-41 April 1930

An investigation of the programs of home rooms in 130 secondary schools The study shows wide variations in time available for home room activities and in the activities themselves

3124 Mercer Florence Jessie A survey of the administration and activities of the home room organization in junior high schools Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 335-36 November 1930 (Abstract)

3125 Nettels C H The home room 1930 Public schools Los Angeles, Calif 11 p ms

Plans and procedures for home room guidance

3126 New Trier township high school Winnetka Ill Department of reference and research A study of adviser room scholarship for the first semester 1920 7 p ms

From this study it is concluded that the adjustment of boys especially freshmen presents a real problem. In the readjusting of adviser groups due to the breaking up of groups or the addition of dropbacks adviser chairmen should strive to level up the group as nearly as possible in scholarship ability

3127 Sanborn Kent Lincoln Home-room sponsorship in the high school Masters thesis 1930 University of Colorado Boulder University of Colorado studies 18 102, December 1930 (Abstract)

Provides a manual for home-room sponsors in the high school Information has been collected from educational literature and through a questionnaire answered by the principals of 143 high schools of various types in the North central association

See also 1094

## MARKS AND MARKING

3128 Allen, C H Statistical study of teachers grades given in Western Carolina teacher's college in 1928-1929 and summer of 1929 1930 Western Carolina teacher's college, Cullowhee, N C

An analysis of the distribution of each of 28 instructors grades given over a period of four quarters A total of 5782 final grades were included in the study Comparisons were made with results of four previous similar studies Findings Marked evidence of greater standardization of grading in actual practice among the instructors and growing sympathetic attitude toward reaching uniform grading standards are shown

3129 Bangs, Cecil Warren Teachers' marks and the marking system, a program for the objectification of teachers' marks Master's thesis 1929 University of Iowa Iowa City Iowa City, University of Iowa 1930 44 p (University of Iowa extension bulletin, College of education series, no 26 May 1930)

3130 Brindley, Enoch Newton A comparative study of the marks made by Indiana university seniors who had their junior college work in different institutions Master's thesis 1929 Indiana university, Bloomington 61 p ms.

3131 Brown, Walter Waldo A correlation of marks in mathematics and science. Master's thesis, 1929 Teachers college Columbia university, New York N Y 17 p ms.

3132 Clem, Orle M and Waiklet, J K. Comparative school marks of September and January junior high school entrants Journal of educational research 20 360-60 December 1929

A study of the ninth grade pupils in Lincoln high school Syracuse N Y Slight variation was found among the two groups in the various school subjects but in general no considerable differences were found between September and January entrants

3133 Clevenger, Josephine Relation of digit and learning spans to school marks of eighth and ninth grade children Master's thesis 1929 Indiana university, Bloomington

3134 Connor, William L. The relation between teachers marks and pupils' behavior Nation's schools 4 55-60 November 1929

A study of the relation between teachers marks mental and educational age and pupils behavior in an elementary school in Cleveland in 1925-1926 indicates that school marks are closely interrelated with the classroom conduct of the pupils

3135 Denver, Colo Public schools Department of research An analysis of the case histories of pupils with high educational quotients who make low academic marks 1930

3136 ————— Record of marks and intelligence ratings of the continuity study group in Grant junior high school 1930

3137 Goodrich, T V Can pupils mark their own papers accurately? Journal of educational research 21 255-61 April 1930

From this study it was found that under ordinary conditions and methods the average sixth grade class may be expected to mark correctly 98.0 to 98.5 per cent of the spelling words found in a daily lesson of 20 words

3138 Hotchkiss, Medora A. Analysis of factors affecting marks in high school algebra Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 75 December 1930 (Abstract)

Determines the types of pupil performance marked by algebra teachers and the weight assigned to each of them the relative validity of the various types of classroom marks as measures of achievement Data for the first part of the study were secured from a questionnaire answered by 139 algebra teachers from 224 accredited high schools of Colorado Data for the second part were obtained from a careful study of marks given by three algebra teachers in a city in Colorado Data indicate that the validity of the various types of performances as measures of achievement varied with the teachers who employed them and that marks for daily written homework are perhaps the least valid measure of achievement.

3130 Jones, J W An index number for the distribution of instructor's marks 1930 Indiana state teachers college Terre Haute 5 p ms

Describes computation of number interprets numbers briefly compares distribution with that of other teachers colleges Findings Universities grade lower than the teachers colleges

3140 ——— A tabular and graphic study of the distribution of term grades fall 1929 1930 Indiana state teachers college Terre Haute 14 p ms

Compares grades issued in each department and entire school with previous years and terms Findings (1) 2441 times as many A's as I's were issued (2) 2035 times as many B's as F's (3) approximate distribution was 6-14-37-30-13

3141 ——— A tabular and graphic study of the distribution of winter term marks 1930 Indiana state teachers college Terre Haute 18 p ms

Comparison of grades issued in each department and entire school with previous years and terms Findings 2447 times as many A's as F's were issued 2030 times as many B's as P's 6-14-34-20 13 distribution index number was 100.3 rather than 100—the normal

3142 Kaulfers Walter Value of English marks in predicting foreign language achievement School review 37 541-46 September 1929

Average end semester marks in English for two terms of 109 beginners in Spanish in the Woodrow Wilson junior high school and the San Diego senior high school San Diego Calif and the average mid semester and end semester marks received by the same pupils in the first term of foreign language work were studied Findings Boys were appreciably inferior in both subjects There is greater variability for both boys and girls in Spanish than in English Girls for the most part do better in Spanish than in English Correlations between English marks and foreign language marks do not assure infallible predictions English marks can be used with safety only in classifying pupils into roughly homogeneous groups

3143 Leach Flora Ella The relation between marks made in high school mathematics and marks made by Indiana university graduates in various subjects in Indiana university Masters thesis 1929 Indiana university Bloomington 129 p ms

3144 Long Beach Calif Public schools Department of research Distribution of school marks elementary schools for the year 1928-1929 [1930] 4 p ms

This study is based upon a tabulation of 146462 marks Findings The highest average marks are found in spelling the lowest in arithmetical reasoning Girls make more high marks (1's and 2's) than boys in all subjects except arithmetic reasoning in which boys average .04 higher than the girls boys make more low marks (4's and 5's) than girls in all subjects Girls average .23 higher than boys in all subjects

3145 ——— Distribution of school marks junior and senior high schools and junior colleges School year 1928-1929 [1930] 5 p ms

A study based upon a tabulation of 122907 marks The table given in this study shows three tendencies that are desirable within reasonable limits viz a reduction in the percentage of high marks an increase in the average marks and a reduction in the failing marks

3146 Nelson M J Grading systems in 89 colleges and universities National schools 5 67-70 June 1930

A study concerned with determining what types of marking systems are commonly employed in colleges and universities Replies to a questionnaire were received from 89 of 140 universities colleges and teachers colleges in various sections of the United States There is a tendency toward a wide diversity where a high degree of uniformity is desirable

3147 New Trier township high school Winnetka Ill Department of reference and research A study of individual teachers grades with a comparison of grades given boys and girls by departments second semester 1928-1929 1929 12 p ms, first semester 1929-1930 1930 10 p ms

3148 Peters Columbus Floyd Ability attitude effort and achievement (rate of work quality of work) as factors in certain teachers marks Master's thesis, 1930 University of Iowa Iowa City 47 p ms

3149 Philadelphia Pa Public schools Division of educational research. Junior high schools Per cents of pupils rated satisfactory First report period November 29 1929 8 p ms (Bulletin no 141) second report period January 9 1930 8 p ms (Bulletin no 143)

3150 ————— Senior high schools Per cents of pupils rated satisfactory First report period November 29 1929 9 p ms (Bulletin no 140) Second report period January 8 1930 6 p ms (Bulletin no 142)

3151 Santa Monica Calif Public schools Department of research Report of elementary school marks June 1930

3152 ————— Report of high school marks June 1930

3153 ————— Report of senior high school marks June 1929 4 p ms February 1930 7 p ms

3154 Sisley John Robert Administrative problems of marks and tests in high schools of western Pennsylvania Masters thesis 1930 University of Pittsburgh Pittsburgh Pa 80 p University of Pittsburgh bulletin 27 331-82 November 1930 (Abstract)

3155 Smith Merle Eugene A study of the changes in the marks of junior high school students Master's thesis 1930 University of Southern California Los Angeles

3156 Taylor J Carey The use of certain standard tests in predicting junior high school scholarship as measured by teachers marks Doctor's thesis 1930 Johns Hopkins university Baltimore Md

3157 White Clyde W The effects of exemptions from semester examinations on the distribution of marks in the Hamilton Ohio high school Masters thesis 1930 Ohio state university Columbus 74 p ms.

Distribution of all marks for a four year exemption period compared with the distribution of a four year period without exemptions in the same school Findings The effects of exemptions have been very slight on the distribution of marks except at the critical point of exemption

3158 Wible Josephine W The effects of weighted credit in the Lincoln high school Lincoln Nebr School review 38 753-59 December 1929

The distribution of marks received in all full time subjects by all pupils who remained in school until the end of a semester from February 1915 to June 1929 were studied in order to check the efficiency of the weighted credit plan Weighted credit has made most of the pupils of the Lincoln high school work harder than they would if the marks were not weighted It permitted some students to graduate in less than the four years which they would normally have taken

See also 329 608 615 1968 2990 3449 4436

#### RECORDS AND REPORTS

3159 Battis James Albert The evolving of a reasonable report card for a junior high school in New Jersey Masters thesis 1929 New York university New York N Y 78 p ms

3160 Butler James Henry Jr Theory and practice of central pupil record systems in the public schools of America Masters thesis 1929 New York university New York N Y 33 p ms

3161 Clark Zenas Read The recognition of merit in superintendents reports to the public Doctor's thesis 1930 Teachers college Columbia university New York N Y

The purpose content organization and presentation of superintendents reports were studied with a view to making them more interesting to the public A series of questions designed to determine the satisfaction of the implications of the various criteria were established Ninety five reports were studied Recommendations for the improvement of current practice are made in terms of the degree to which each measure is satisfied

3162 Edgerton Roland Ottis A system of cumulative records for elementary schools Master's thesis 1930 Duke university Durham N C

A study of cumulative record systems with an attempt to develop a system that in a simple way meets administrative prognostic and diagnostic functions

3163 Glover O S and Halverson J John The superintendent's monthly report to the school board American school board journal 80 50 130 May 1930 63 116 118 June 1930

A study was made to determine to what extent schoolmen in Minnesota are using the monthly report in attempting to guide their boards in the economical consideration of essential business

3164 Groff Forrest Ray School record and report forms of a small school system designed for mechanical tabulation Master's thesis 1929 Indiana university Bloomington 73 p ms.

3165 Johnston Jane S A study of reports sent to parents or guardians of private schools Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 301-02 November 1930 (Abstract)

3166 Jorden Edward L Typical characteristics of annual reports in small school systems Educational research record (University of Nebraska) 2 164-69 175-83 April 1930

This study deals with the superintendent's annual report in small school systems having between 10 and 60 teachers comparable to the average Nebraska community. Questionnaires were sent to 1200 superintendents of all school systems having from 10 to 60 teachers in Nebraska Minnesota Wisconsin South Dakota North Dakota Montana Wyoming and parts of Kansas and Idaho to determine the practice in respect to annual reports

3167 Kretsinger R. W and Johnson Henrietta A The development of report cards in cooperation with parents Oakland Calif Public schools 1930 4 p

3168 Lynn Mass Public schools Research department. The Lynn packet system for keeping reports and records of pupils work 1930 33 p ms (Research bulletin no 14)

3169 Manuel Herschel Thurman and Knight James Age of school entrance and subsequent school record School and society 32 24 26 July 1930 1930

3170 Matter, William Everett. A study of the record and report forms in 25 junior high schools of Kansas Master's thesis 1930 University of Kansas Lawrence

3171 Nelson Robert Oliver A study of southern county superintendents annual reports. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 77 p ms

An attempt to determine what items should be included in the annual report of the southern county superintendent Findings (1) Present reports are far from uniform (2) there are few legal hindrances to a uniform report (3) a report containing some such items as recommended here would give comparable data otherwise unobtainable

3172 Osburn W J Improvement of record forms used in reports sent in to the State department of education. Columbus, Ohio state department of education 1929 60 p

3173 Prout Ralph Byron A study of high school records and reports other than financial Master's thesis 1930 University of Southern California Los Angeles

3174 Reavis W C. and Woelfner Robert. Office records and reports in secondary schools School review 37 469-509 September 1929

The author deals with the most common types of office records and reports dealing with individual pupils school membership teachers and equipment and supplies. The 4 "rent kinds of records kept by 522 representative secondary schools were studied.

The data showed a marked tendency on the part of administrators to collect and preserve a variety of information which may be used in making reports to superintendents and others. The handling of the data requires foresight, constructive planning and development of efficient office practices. Recording and reporting require less labor in the small schools than in the large schools. Good forms must be devised and routine procedures must be established for the making and filing of records.

3175. Ross, Carl A. School forms and records as an aid in school supervision and administration. Masters thesis, 1930. Rutgers university, New Brunswick N. J.

3176. San Francisco, Calif. Public schools. Department of educational research and service. A summarization of new regulations governing teachers monthly statistical reports and an analysis of the errors commonly made in making out such reports. 1929. 3 p. ms. (Bulletin no. 6)

3177. Senour, A. C. Summary of teachers' reports on documentary evidence of birthdates of pupils enrolled in grades 1B or 1A. 1930. Public schools East Chicago Ind. 3 p. ms.

A cooperative check with the Department of health on the reliability of certain vital statistics also incidentally a study of the flow of population into the city. Approximately one half of the pupils in the grades studied were born in East Chicago, one third of these failed to produce birth certificates. Evidence of inadequate collection of vital statistics in the city was found.

3178. Troge, Ralph F. A study of school records and reports and construction of a set of pupil records for junior high school. Master's thesis, 1930. University of Oregon Eugene. 153 p. ms.

One hundred and thirty schools replied to a form letter contributing a total of 1204 forms used for pupil records in junior high schools throughout the United States. Lack of uniformity between record systems was marked. Number of forms used was determined by size of enrollment and type of school organization. No commercial systems were providing cards for guidance work, etc.

See also 78-79 95 108-109 120, 131, 1905 1931, 1936

#### RETARDATION AND ELIMINATION

3179. Baker, David Russell. Age-grade-progress study of the public schools of Hamilton Ohio. Master's thesis, 1930. University of Cincinnati, Cincinnati Ohio. 75 p. ms.

Teachers in all grades from one to 12 secured and tabulated data on a new form which gives a complete picture of grade age and progress in an effort to secure data which will be valuable in organizing special classes and in reorganizing the system on the 6-3-3 basis. Findings: Amount of overage-ness and retardation is not excessive when compared to similar school systems. A large amount of overage-ness and retardation may be traced to pupils who have attended schools in other districts. A larger per cent of girls make normal progress than boys. Greatest amount of overage-ness and retardation are found in the fifth and sixth grades. Low mentality, lack of application and repeated change of schools are largely responsible for the overage-ness and retardation of the pupils. Amount of overage-ness and retardation which varies considerably in the different buildings and grades is undoubtedly due to the different types of districts from which pupils are drawn.

3180. Barr, H. M. Age grade report, city wide all grades. 1929. Public schools, Portland Oreg. 8 p. ms.

3181. Bonar, Carl. Causes of retardation. 1930. West Virginia university, Morgantown.

3182. Booher, Cloyce Eugene. Operation of the Bling law in Highland county, Ohio. Master's thesis, 1930. Ohio state university, Columbus. 100 p. ms.

A study of all children 14 to 18 years of age who are directly affected by Ohio's compulsory attendance law. Findings: The size of the home, the parents' attitude toward school and the child's dislike for the course of study were found to be outstanding factors in elimination from school.



3183 Breed Frederick S and Lanier Bessie J Educational age as a basis for measuring retardation American school board journal 80 55-56 June 1930

The authors made a comparative study of the retardation of the same pupils as measured by three different methods Data were secured on the chronological age grade position and scores on both intelligence and achievement tests of 152 pupils in four schools of Racine Wis

3184 Buchwald Leona C Follow up of junior and senior high school with drawals 1929 Department of education Baltimore Md 12 p ms

3185 Buckner Mabel A Pupil elimination in the New Haven high school Masters thesis 1930 Yale university New Haven Conn

3186 Burnside John Pearce The accomplishment scores of repeaters Master's thesis 1930 University of California Berkeley 35 p ms

The accomplishment scores made by repeaters in Contra Costa county Calif in reading and in arithmetic as compared to accomplishment scores of pupils of similar intelligence who have been advanced Findings (1) Scores of repeaters are about the same as those of pupils of similar intelligence who have been advanced (2) no marked change in scores after repeating average gain being slight (3) practically no difference as measured by the tests in reading and arithmetic between the first and second time through a grade for these reasons it seems that much of the retardation caused by the policy of failing pupils is not justified

3187 Calhoun James Bumpass Probable causes of elimination of high school students Haywood county Tenn Masters thesis 1929 George Pea body college for teachers Nashville Tenn 39 p ms

3188 Coll Marcella Retardation in Western junior high school [1930] Western junior high school Louisville Ky 8 p ms

This greatest amount of retardation was found in the 7 B grade

3189 Cooke Dennis H A study of age-grade distribution in the Oxford orphanage school Master's thesis 1930 Duke university Durham N C

Survey of age grade conditions in the Oxford school including report of a completed experiment in giving special promotions to certain students

3190 Cuff Noel B The problem of elimination from college School and society 30 550-52 October 19 1929

The list of 90 freshmen entering the Eastern Kentucky state teachers college in September 1928 has been checked and lists of those eliminated and of those retained have been compiled in an attempt to discover reasons for the elimination of freshmen at the school The question of elimination is related to such problems as admission requirements offerings and orientation courses

3191 Fowler Charles Aylmer jr A study of retardation in the Portland (Oregon) elementary schools Masters thesis 1929 University of Oregon Eugene 35 p ms

Causes of retardation in 73 elementary schools of Portland Oreg were studied in relation to age groups

3192 Gary, Ind Public schools Age-grade study grades 1 12 May 1930 80 p

3193 Greene, Charles E. Age grade survey 1930 Public schools Denver Colo 41 ms

An age-grade survey of all Denver school children as of September 1 1929 Findings Entering pupils of September 19 9 are on the average two to three months younger than entering pupils were in September 19 4

3194 ——— The continuity study—third report. 1930 Public schools, Denver Colo 19 p ms

A third report in a three-year study of junior high school pupils Findings Drop-out is serious—5 per cent in one year

3195 Grover, C C Age-grade study in the elementary schools spring semester 1930 May 1930 Public schools Oakland Calif 7 p ms

3196 Gunkel, William Justus. A study of elimination and retardation in the Crawfordsville high school Masters thesis 1929 Indiana university Bloomington 86 p ms

3197 Hand Joseph Spurgeon Causes of retardation in the elementary grades of Gracerville Fla Masters thesis 1930 George Leabody college for teachers Nashville Tenn 87 p ms.

Factors affecting retardation in grad s 2-8 inclusive of Gracerville Fla Causes were low IQ moving physical defects bad health distance from school accidents etc

3198 Harms E. L. A study of elimination of students from the Augusta Kans high school for the years 1923-1929 Masters thesis 1930 University of Kansas Lawrence

3199 Hawaii Department of public instruction Repeaters in the public schools 1930 Honolulu 11 p ms (Bulletin no 8)

For the past three years the Department of public instruction has been engaged in a program of pupil grouping and curriculum adjustment designed to eliminate so far as possible the necessity of requiring pupils to repeat Figures are given setting forth the facts regarding repeaters by grades and by supervising districts as of January 1927 1929 and 1930

3200 Houck, M. E. Causes of retardation in school Master's thesis 1929 Pennsylvania state college State College

A study of the schools of Berwick Pa of which the author is superintendent Analyzes promotion data to locate causes of failure By far the most significant part of the study is an experimental study of the effect of practice teaching by students of Bloomsburg normal school This was a controlled experiment involving 218 pupils carefully paired for learning ability Results were measured by change of educational age in Stanford achievement test Difference in favor of the group taught by practice teachers was 2.33 which is 2.725 times its standard deviation Chances are therefore 306 to 1 against reversal

3201 Kalamazoo Mich. Public schools Department of research Annual age-grade report 1929 12 p ms (Bulletin no 78)

This bulletin presents the tabulated data for the annual age-grade survey for the 1<sup>st</sup> years of elementary and high school work Kalamazoo operates on a 6-3-3 plan For this report 9649 ages were tabulated

3202 ————— Study of junior high drop-outs 1930 9 p ms (Bulletin no 82)

In this study approximately 60 per cent of the reasons given for leaving school indicated that an adjustment could have been made

3203 Kline Elias J. The junior high school and changes in curve of elimination 1930 University of Pennsylvania Philadelphia 9 p ms. In School men's week proceedings University of Pennsylvania 1930

3204 Lancaster Pa. Public schools School progress and elimination November 1929 10 p ms

Degrees of underage and overage of every 1000 pupils included in this study 22 are under age two years 141 are under age one year 63 are normal 140 are over age one year 27 are over age two years 10 are over age three years, three are over age more than three years

3205 Lantz, Beatrice. A report on the condition of acceleration and retardation of students 1930 Public schools, Ventura Calif 17 p ms (Diagrams)

3206 Lucky, Lewis Bridger An analysis of various methods of calculating retardation in the elementary grades Masters thesis 1929 University of Texas Austin

3207 Magee Maurice Retardation and elimination in the public schools of Tulsa Okla Master's thesis 1929 University of Colorado Boulder 52 p ms

Five thousand six hundred ninety-seven children ages 14 to 17 years, were studied Thirty nine per cent were retarded In the city 732 children were permanently withdrawn. Relation between retardation and elimination is studied. Findings Non school

group has average retardation 2.48 years correlation of IQ and number of years retarded — .72 only slight sex difference was found Five hundred forty retarded children of seventh grade show correlation between IQ and number of years retarded of — .61 Elimination from school is the culmination of a series of failures resulting from inability to do school work

3708 Maryland State department of education Age-grade conditions in Maryland county colored schools as of November 1929 12 p ms

From this study it was found that in the colored elementary schools of every county in the State there were proportionately fewer over-age girls than boys. For the State as a whole 39.1 per cent of the elementary boys and 31.0 per cent of the girls were over age for their grades In the high schools the corresponding percentages were 33.9 and 32.7

3209 ——— Over age pupils in Maryland county white schools November 1929 Baltimore Maryland state department of education June 1930 32 p (Maryland school bulletin vol. 2 no. 6)

A study of over-age pupils change in method of recording age survival to higher grades plans for case studies of pupils falling No great improvement was shown in reduction of over age pupils except in a few counties which had a large percentage over-age two years ago

3210 Miller Joseph R Causes of elimination in junior high schools of Huntington W Va Master's thesis [1930] Ohio state university Columbus 60 p ms.

A study of 670 cases in five schools over a three year period

3211 Morton Walter Pinckney An analysis of Moore county N C. high school eliminations Master's thesis 1929 George Peabody college for teachers Nashville Tenn 107 p. ms.

3212 Overman Charles Ernest Holding power of the junior and four year high schools of San Francisco Master's thesis 1929 University of California Berkeley 32 p ms

A comparison of the four year and junior high schools of San Francisco as to their holding power on ninth grade pupils This holding power is taken as the extent to which the school holds pupils after they have reached the compulsory age of 16 It was found that the junior high schools hold a much greater portion of their ninth grade pupils than do the four year high schools

\*3213 Palmer, Emily G Pupils who leave school Doctor's thesis 1930 Teachers college Columbia university New York N Y Berkeley Calif University of California 1930 142 p. (Division of vocational education of the University of California and of the State department of education Bulletin no. 24 Part time education series no. 17)

Data were secured concerning 270 pupils of the Oakland schools From an impartial study of the 270 pupils as it was possible to make the home conditions proved to be at least equally responsible with the school for the elimination which occurred

3214 Philadelphia, Pa. Board of public education. Division of educational research. Age-grade survey 13 p (Bulletin 140 February 1930)

A biennial survey of the age-grade status of pupils in the Philadelphia public school system It was found that of every 10 pupils enrolled in regular classes six are of normal age for grade three are overage and one is underage The proportion of under age pupils in 1929 increased 29 per cent over 1927 while the proportion of over age pupils in 1929 decreased more than 10 per cent from 1927 Improvement over 1927 represents a saving of 4600 pupil instruction years

3215 Portland elementary principals' association Report of retardation committee In its first yearbook 1930 p 60-102.

A list of retarded pupils with the amount each was retarded, was prepared for each of the elementary schools of Portland A list of possible causes of retardation was prepared and studied by the committee Teachers were given the names of the retarded children in their classes with the request that they check the causes that fit individual cases. The study has resulted in a drive on fall area.

3216. Raby, Ruth Benson The progress in educational ages of the G-B 7-A 7-B classes over a period of one year Masters thesis 1929 New York university, New York N Y 52 p

3217 Riggio, Hyacinth. A study of fourth and fifth grade boys of public school 172 in Manhattan to determine the factors influencing retardation Masters thesis 1930 New York university, New York N Y 99 p ms

\*3218 Roberts, Mary E Elimination from the public secondary schools of New Jersey 1923-1929 Doctor's thesis 1930 University of Pennsylvania Philadelphia Philadelphia 1930 251 p

A study of elimination in the public high schools of New Jersey for the years 1923-1926 and 1926-1927 and the intervening summer

3219 Robinson, Carl L Factors which influence age grade distribution Master's thesis 1930 University of Chicago, Chicago Ill

A study of the association of intelligence attendance number of schools attended kindergarten training nationality home language economic status age of entering and occupation of parent to acceleration retardation and to elimination from school before reaching high school.

3220 San Francisco, Calif Public schools Department of educational research and service. Acceleration and retardation. August 1, 1930 17 p ms (Bulletin no 17) (Diagrams)

A comparison of 1929 1930 with 1928-1929

3221 ————— An achievement survey of the Francisco junior high school of San Francisco 1929 11 p ms (Bulletin no 10)

From this survey it was found that nearly 70 per cent of the pupils of Francisco junior high school are over age for their grade 38 per cent being more than one year over-age

3222 ————— Pupil progress through the grades as shown by age grade distribution 1929 43 p (Bulletin no 6)

3223 Santa Monica, Calif City schools Department of research. Preliminary classification survey 1929 26 p ms

A study of age grade distribution yielding facts concerning retardation and acceleration race distribution and a study of newly entering pupils In age-grade distribution for all elementary schools 58.7 per cent of all pupils are found at age 21.3 per cent are retarded and 18.2 per cent are accelerated In junior high schools 58.7 per cent are at age 23.1 per cent are retarded while 18.2 per cent are accelerated Racial distribution for all schools was as follows white 87.8 per cent Mexican 7.7 per cent colored 2.3 per cent Japanese 2.1 per cent and Chinese 0.1 per cent Considering the distribution of newly entering pupils 1,003 pupils out of a total enrollment of 5,873 were found to be just entering Santa Monica city schools This means that 17.1 per cent of all enrollments were new entrants

3224 Sickles Fannie C Experimental study of three groups of retarded children Masters thesis 1929 New York university New York N Y 84 p

3225 Thompson J L A study of special over-aged class growth 1930 Public schools Newburgh N Y 1 p ms

3226 Timgum O David A study of age grade distribution in North Dakota to determine acceleration and retardation 1930 University of North Dakota University

3227 Trapp Mrs Irene Adams A study in retardation in the common school districts of Brown county Tex Masters thesis 1929 University of Texas Austin

3228 Walton Owen McKinley The causes of absence and elimination in the church school Masters thesis 1929 Northwestern university Evanston Ill

3229 White, Joseph B A case study of pupils who leave high school in Hampton county S C 1930 Duke university Durham N C

An effort to determine the causes of elimination from high school through a case study of individual pupils with recommendations as to remedies

7270 Whytock, N R and Eritch C Lorene Age-grade classification of pupils 1930 Public schools Glendale Calif 8 p ms

See also 733 1129 1840 1862 1947 2144 2153 2490 2876 4286 4392 and under Subnormal children

#### STUDENT SELF GOVERNMENT

3231 Fly Murry Henderson Student cooperation in school government. Master's thesis 1929 University of Texas Austin

3237 Halliwanger R S Pupil participation in the government of the Richard J Reynolds high school Winston Salem [1930] Duke university Durham N C

A study of the problems and conditions leading to the introduction of student government in the Richard J Reynolds high school an analysis and evaluation of the present organization of student government pointing out defects and recommending remedies

3233 Hayden F S Student councils in California high schools California quarterly of secondary education 5 266-69 April 1930

A study was made of answers to a questionnaire on student councils received from 89 high schools in California Data indicate that the student council is a very valuable part of the modern high school equipment

3234 Margeson A E (Phelps V F) Modern methods for securing student participation in self government [1930]

3235 Martin Ralph Student participation in the government of an elementary school Master's thesis 1929 George Peabody college for teachers Nashville Tenn 60 p ms

3236 Mathews C O chairman Report of a faculty committee on the honor system at Ohio Wesleyan university 1930 Ohio Wesleyan university Delaware 110 p ms

Report comprises an objective study of student and faculty attitudes toward honesty utilizing the C E I provocations technique employed by May and Hartsborne a study of local conditions through confidential personal interviews and a questionnaire to the faculty conclusions and recommendations and an annotated bibliography to books and periodical literature

3237 Mayberry, Burt A A study of high school pupils to determine the effect of student council participation on the formation of certain habits of citizenship Master's thesis 1930 University of Kansas Lawrence

3238 Morgan A L Pupil participation in school control Peabody journal of education 7 264-68 March 1930

Explains the part shared by the pupils in the conduct of the Dick Dowling Junior high school, Beaumont Texas for the past five years

3239 Russell B D How shall our schools be governed? Nations schools C 41-46 August 1930

Determines the status of the schools of the Northwest with respect to the form of government under which they operate 318 schools ranging in attendance from 17 to 2440 are included in the investigation 173 schools reported a student council 143 have none

#### TEXTBOOKS

3240 Alabama education association Shall Alabama provide free textbooks? Alabama school journal 47 3 January 1930

3241 Davis Percy R State publication of textbooks in California Doctor's thesis 1930 University of California Berkeley Berkeley California society of secondary education 1930 91 p

A consideration of the educational and financial aspects of state publication of basal elementary textbooks in California Findings The existence of any financial saving to the State of California resulting from the state publication of textbooks is doubtful the

total cost of textbooks is relatively insignificant the possibility of comparatively slight financial savings should not be permitted to curtail an ample regular and unrestricted supply to the school of the best modern books produced the policy of state printing, operates in this State to curtail such a supply and for these reasons state publication of textbooks in California can not be defended upon financial or educational grounds

3242 Idaho State board of education Textbooks now in use in the Idaho high school 1929 Boise Idaho 9 p ms

3243 Mississippi education association State publication and printing of textbooks Jackson 1929 32 p

A study of state printing in California Kansas and Ontario Recommends that the Mississippi education association should go definitely on record as being opposed to state printing of elementary or any other kind of school textbooks

3244 Travis Chester Earl The reliability of a score card in judging basic textbooks Masters thesis 1929 University of Colorado Boulder 22 p ms

Two groups rated 12 different kinds of mathematics texts with and without a score card Higher ratings were given without the use of a score card First and second ratings differed Score card was more reliable judgment of merits of texts

3245 Whipple Guy M The selection of textbooks American school board journal 80 51-53 158 May 1930

A study of the selection of textbooks from the standpoint of uniformity state selection state adoption criteria of selection advantages and dangers of teaching aids, reputation versus intrinsic merit prejudices and fads copyright date use of score cards teacher's aid in selection and the number of textbooks to be selected

## SCHOOL BUILDINGS AND EQUIPMENT

3246 Anderson Beatrice The seating of kindergarten children American school board journal 81 64-66 July 1930

A study was made of kindergarten children in Los Angeles to determine the various height chairs that would be correct for them A new type of chair was designed to eliminate the defects of the old types of chair and make it possible for children to unconsciously assume the correct positions while sitting

3247 Banning Frank J Results of recent school building programs, Lake county Florida Masters thesis 1930 Ohio state university Columbus 178 p ms

From this study a great tangible waste was found amounting to about 17.5 per cent of the total cost of school plants in Florida each year as well as the health and educational disadvantages inflicted upon children by unfit buildings

3248 Barrows Alice Changing conceptions of the school building problem Washington United States Government printing office 1929 20 p (U S Bureau of education Bulletin 1929 no 20)

Advance sheets from the Biennial survey of education in the United States 1926-1928

3249 ——— School building survey and program for Mount Vernon New York Mount Vernon N Y Board of education [1929] 57 p

A survey made by the United States Office of education at the request of the Board of education of Mt Vernon N Y

3250 Bennett Luther J Crestline Ohio school building survey 1929 Ohio Wesleyan university Delaware 82 p ms

This study includes a quality survey of plant quantitative (utilization) survey of plant population trends financial status and possibilities and recommendations Findings Old grade building is unsatisfactory for use high school is badly crowded and not providing facilities for modern high school curriculum financial ability is abundant recommendation is made for a \$75,000.00 high school building

3251 Berry Charles Mark A survey of 2 high school buildings in Texas Masters thesis 1929 Baylor university Waco Texas 190 p ms

3252 Beveridge Eleanor McNary Residence halls for women in coeducational state universities Masters thesis 1930 New York university New York N Y

3253 Braught, E O Supplying equipment to schools that are participating in Ohio's educational equalization fund Master's thesis, 1930 Ohio state university, Columbus 79 p ms

3254 Burdette, Lillian Shack. Standard equipment of elementary class rooms Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 119 p ms

3255 Butler, Leshe A Are your pupils comfortably seated? Nation's schools 5 63-66 June 1930

A survey was made of the seating facilities in the schools of Grand Rapids Mich More than 14,000 sittings in the elementary schools were considered in the survey

3256 Carpenter, W W An elementary school building program for Jefferson City, Mo Columbia Mo, University of Missouri 1929 82 p (University of Missouri bulletin, vol 30, no 41, November 1, 1929 Education series, no 30)

The purpose of this school survey was to plan for the future educational needs of a city as well as to determine its immediate needs

3257 Caswell, Hollis L School surveys and their influence on building problems Nation's schools 5 66-71 April 1930

Gives some of the changes that school surveys have brought about in the construction of modern schools that protect the lives and health of the pupils

3258 Cobaugh, Bruce The portable equipment of the high school stage Master's thesis 1930 University of Pittsburgh Pittsburgh, Pa University of Pittsburgh bulletin 27 243-44, November 1930 (Abstract)

3259 Credle, William Frontis. The Julius Rosenwald fund school building program in North Carolina Master's thesis, 1930 George Peabody college for teachers, Nashville Tenn 152 p ms

Gives the background and history of the Julius Rosenwald fund in North Carolina

3260 Cushman, C L A study of the school building needs of Oklahoma City 1929 Oklahoma City, Okla ms

3261 Davis, Mary Dabney and Heinig, Christine M Housing and equipping the Washington child research center Washington, United States Government printing office, 1930 7 p (U S Office of education Pamphlet, no 13 Reprint from School Life, December 1929, and January 1930)

Part 1 deals with selecting a site and reconstructing the house, Part 2 with purchasing and constructing nursery school equipment

3262 Denver, Colo Public schools Department of research Telephone service in Denver schools 1929-1930

A study of the lines and phones in Denver schools together with recommendations for changes to meet an improved standard.

3263 Diener, U E Building survey of Van Wert city schools Master's thesis 1930 Ohio state university, Columbus 109 p ms

Findings Mixed type of organization was found with buildings poorly arranged for either a modern six six or six three three plan but an adequate financial situation was found to easily provide the proper building arrangements to house the six three-three plan

3264 Donovan, John J. Classroom standards of leading school architects and school construction specialists American school board journal, 70 50-51, August 1929

3265 Dresslar, Fletcher B and Southerland, R. H The orientation of classrooms of school buildings Peabody journal of education, 7: 3-12, July 1929

This study provides definite data on the control of the amount of direct sunlight which will enter a schoolroom A model schoolroom was built and set up on the flat roof of one of the buildings of George Peabody college for teachers and data collected for every

hour of the school day during the period from November to April. The authors hoped to find the orientation which would give the best indirect light during school hours and the greatest amount of direct sunlight before and after school hours in a school located in latitude  $36^{\circ} 10'$  north. The preference of orientation is west east southwest south east and south.

3266 Edwards, Walter A. Utilization of the instructional rooms of the first four grades of the elementary schools of Dayton, Columbus and Marion Ohio. Master's thesis 1929. Ohio state university, Columbus. 140 p. ms.

Findings: When 15 square feet were used as the amount of classroom floor area to be provided per pupil the average school in this study was using 70 per cent of the classroom floor space.

3267 Ellis, Walter Crosby. Are your school names an asset? Nations schools, 5. 35-38. March 1930.

An analysis was made of the names by which the public schools are known in the 68 largest cities in the country. The author feels that by giving schools meaningless names school children are deprived of the influence and inspiration which they might derive from attending schools named for the great men of America.

3268 Engelhardt, N. L. A statewide analysis of new school building construction. American school board journal, 80. 51-52. June 1930.

This article describes a statewide review of recent school buildings constructed within the boundaries of a state based upon what the school administrators of the state considered their best buildings. An analysis of the outstanding faults in the plans of these buildings does not show a tendency to err in any one particular field.

3269 Essex, Don L. Bonding vs. pay as you go in the financing of school buildings. Doctor's thesis 1930. Teachers college, Columbia university, New York, N. Y.

Data show that neither bonding nor pay as you go adheres to the principles established under all circumstances. Each is fair and just under certain conditions and unfair and unjust under other conditions. The author suggests the combined use of the two methods noting long time trends and the value of the dollar. He suggests that with a carefully planned long term budgeted program of all municipal improvements the pay as you go plan may be used in full or in part with little or no increase in taxation.

3270 Ewart, Joseph A. Ventilation viewpoints. Stamford standards and methods of approach. American school board journal, 80. 49-51. March 1930.

A study was made of the ventilation systems in use in Stamford Conn. during the last ten years.

3271 Farley, E. S. A survey of the building needs of Newark and a ten year building program. 1930. Public schools Newark, N. J. 75 p. ms.

A study of population trends, inventory of present buildings and estimate of building needs for ten years shows shifts of urban population that affect a ten year building program.

3272 Foote, John M. The school building needs of Iberville Parish. Baton Rouge La. Louisiana state department of education, 1930. 32 p. (Bulletin no. 170. January 1930.)

Covers all school buildings in Iberville Parish and their needs. Recommends new buildings, repairs and additions for all schools.

3273 Gosling, Thomas W. The school plant: the cost of maintenance. American school board journal, 80. 68. 132. May 1930.

A study was made of the percentage distribution of the various items of maintenance of the school plant for 27 cities over 100,000 population for the school year 1925-1926.

3274 Grant, Neil May. Hand washing facilities and their utilization in the elementary schools of Los Angeles. Master's thesis 1930. University of Southern California, Los Angeles. ms.

3275 Green, Rhue E. The office suite of the high school principal. American school board journal, 80. 70-71, 153, 154. January 1930.

A study was made of office equipment, furniture and rooms of 185 high schools included in the territory of the North central association of secondary schools and colleges. An attempt to determine the most desirable set up for the administrative offices.



\*1276 Hamon, Ray L Utilization of college instruction rooms Doctor's thesis 1930 Teachers college Columbia university New York N Y Nash ville Tenn 1930 99 p

Complete data were collected on 1393 instruction rooms in 22 colleges located in the Middle West New England the South and the metropolitan area of New York City The one hour period and the full college week were used as units of utilization measurement Conclusions Recitation and lecture rooms were used more during the periods before lunch and laboratories were used slightly more during the four periods following lunch Teachers colleges showed a higher utilization than liberal arts colleges engineering colleges and state universities

3277 Hill Andrew P, Jr School building surveys of Alhambra Union high school Anaheim Citarvas River Union district California school for the deaf Livermore Union high school district Monterey Union high school district Pierce joint union high school district San Dimas school district San Joaquin San Mateo Somis sunnydale Telegraph Elliott district Tulare Vallejo Walnut Creek Washington Union high school district and Woodland district Sacramento California state department of education 1930 (18 surveys in manuscript form)

3278. ——— Sanitary fixtures in public schools Sacramento California state department of education [1930] 10 p (Bulletin K-1)

3279 ——— The type design installation and care of blackboards Sacramento California state department of education 1930 11 p (Bulletin K-3)

3280 Hill, George M Practices in the maintenance of school plants and supplies in third-class districts of Western Pennsylvania Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 62 p ms

3281 Holmes Warren S A survey of state school building codes American school board journal 79 56-118 September 1929

In a study of state building codes it was found that only 22 states assert legal control over the construction of their school buildings

3282 Holy, T C School building survey for Springfield, Ohio 1930 Ohio state university Columbus 170 p ms

3283 ——— School building survey of Delaware Ohio 1929 Ohio state university Columbus 53 p ms

3284 Hubbard Frank W The elementary-school office American school board journal 79 57-58 October 1929

A study was made of 11 floor plans of offices in schools with 12 or more rooms

3285 Hughes W Hardin Population growth and school building facilities Pasadena Calif Public schools, 1930 (Monograph no 4)

3286 Indiana Department of public instruction Educative equipment for modern schools Indianapolis 1929 32 p (Its Bulletin no 108)

3287 ——— Indiana school standards with instructions for scoring Indianapolis 1930 (Supplement to bulletin no 100 rev)

3288 Jones H A The status of equipment in athletic health and physical education departments of 100 high schools in the United States School review 38 55-60, January 1930

Data for this study were secured by means of an extensive questionnaire In most cases the information was supplied by the athletic director of the school High schools in 27 states are represented It appears that considerable improvement must be made before the equipment of the high schools studied measures up to the standard set by authorities in this field

3289 Kulp Claude C Building requisites for the junior high school population of Ithaca N Y Master's thesis 1930 Cornell university, Ithaca N Y 16 p ms

Gives complete building plans and site suggestions for a junior high school in a city of 20 000 with especial reference to the local situation

3200 Lee, Albert E School room beautification and its influence on pupil morale 1930 Duke university, Durham N C

Determination of standards of aesthetic arrangement and decoration of school rooms and school grounds and an evaluation of their influence on the character and habits of pupils

3291 McPheeters A A A proposed junior high school building program for Lexington Ky Master's thesis 1930 University of Cincinnati Cincinnati Ohio 75 p ms

The Lexington school plant has been investigated and such recommendations made as will enable the administration to plan most effectively and to carry out most economically the Lexington junior high school program for the next 20 years The plans cover renovation repair and minor alterations to existing buildings purchase of sites and redistricting of junior high school pupils and building program for white and colored schools

3202 Minear, C P Errors in school building planning Master's thesis 1930 University of Iowa Iowa City 112 p ms

3293 Moehlman Arthur B When remodeling is profitable Nation's schools 4 43-51, November 1929

A study was made of the Holbrook elementary school with a view to remodeling. It after an exhaustive study the building was redesigned and reconstructed so that it meets the needs of the present educational plan as well as though a new building had been built

3294 Morrison, J Cayce Report of a survey of school building needs of Illinois and adjacent territory 1930 State department of education Albany, N Y

Takes up the school building needs of the village of Ilion and of all districts which send pupils to the Ilion high school

3295 Mott, Paul William The problem of water and equipment in the high school Master's thesis 1930 Stanford university Stanford University Calif

3296 Murray, George S Accounting for depreciation of school buildings. Master's thesis 1930 New York university New York N Y 80 p ms

Findings Industrial corporations recognize force of depreciation and provide for it. Municipalities are coming to realize that depreciation is one of the costs of government which must be provided for Principles of depreciation of school buildings are set up and a technique proposed for the computation of the depreciation allowance This includes a score card for estimating the useful economic life of school buildings and a formula for calculating the depreciation allowance

3297 Pittenger, Benjamin F, Marberry, James O, and Shelby, T H Construction and reorganization proposed for Galveston public schools 1929 University of Texas Austin (University of Texas bulletin no 2943)

3298 Proctor Arthur M Safeguarding the school board's purchase of architects working drawings Doctor's thesis [1930] Teachers college Columbia university New York N Y

A study was made of 110 sets of working drawings of school buildings erected in Missouri It was found that a complete set of working drawings should contain plot plan floor plans elevation plans of all exteriors of the building section plans framing plans for steel and concrete construction large scale detail drawings electrical installation plans plumbing plans heating and ventilation plans For the use of a state department of education requirements for working drawings have been set forth in the form of a code The study shows that standards need to be established and enforced by legal sanction Use of the techniques should result in more economical investments in school plants through clarification of working drawings and the consequent elimination of extras and the contractor's contingency additions to his proposals

3299 Reese L W How to choose the site for the new city school Nation's schools 4 63-71 December 1929

By use of questionnaires personal interviews the study of score cards and research over a period of years a score card was developed which is valuable in the selection of a site for a new city school

3300 Rogers, Don C Chicago public school building program 1930 Board of education, Chicago, Ill 44 p ms

3301 Sailor, Christian Frank How long do school buildings last a historical study Master's thesis, 1930 New York university, New York, N Y

3302 Schmidt, H W Sanitary conveniences in schools. American school board journal, 80 53-56 162, 164, 166, January 1930

Data were secured from 68 schools of various kinds and sizes in Wisconsin, on the physical conditions and equipment of the sanitary conveniences of the schools and on the actual use made of the equipment.

3303 Serson, Anson Van L A suggested method for determining the housing requirements of union free school districts of New York Master's thesis [1930] Cornell university Ithaca N Y

A comparatively accurate method of determining housing requirements is worked out The number of schools is small but the method should prove useful to principals

3304 Smith, Harry P Board of education report A ten year school building program for Syracuse, N Y, 1930 1940 Syracuse, N Y, Public schools, 1930 107 p

3305 Smith, James H Legal limitations on bonds and taxation for public school buildings Doctor's thesis [1930] Teachers college, Columbia university, New York, N Y

Limitations on school indebtedness were obtained from state constitutions, school laws of the states, and compiled statutes of the states Effects of limitations on school indebtedness on school building programs of various cities were found in recent surveys of the school systems of those cities Findings Forty seven states have limitations ranging from 2 per cent to 20 per cent of assessed valuation of all taxable property, seven per cent to ten per cent is considered a conservative limitation by authorities Most states require a popular vote to authorize a bond issue Serial bonds are preferable to sinking fund or straight term bonds Most states limit maximum number of years for which bonds will be issued, maximum interest rate varies from five per cent to eight per cent, 35 states require that no school bonds be sold below par Provisions for school bonds should be elastic to care for varying needs of different types of cities

3306 Smith, Vivian T. Published opinion on school ventilation American school board journal, 81. 53-54, 142 July. 51-52, September 1930

Research in the field is summarized and a comprehensive bibliography is included

3307 Spear, Roy D A study of pupil station and room utilization of class rooms of 14 high schools located in Lyon and Wabawsee counties Master's thesis, 1930 University of Kansas, Lawrence

3308 Spohn, A. L Trends in space provisions in plans for high school buildings School review, 38 33-50, January 1930

The purpose of the study was to show by data collected from the three periods centering about the years 1907, 1917, and 1927 changes and trends in space provisions in plans for high school buildings over a period of 20 years Twenty four building plans for each period were studied. Of the 376 kinds of space provisions only 20 kinds were found in more than 50 per cent of the plans The great variety of provisions found in the plans for 1927 indicated the growing diversity of the offerings of the modern secondary school curriculum and the diversity of local interests and needs.

3309 Stetson, Paul C. Dayton school building program American school board journal, 79 56-64, July 1929

3310 Timlin, Irvin A. A survey of Pittsburgh high school buildings with its educational implications Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa University of Pittsburgh bulletin, 27: 397-98, November 1930 (Abstract)

3311 Underhill, P H. Beautification of school buildings and plants Master's thesis, 1929 Ohio state university, Columbus 171 p ms

Deals with the beautification of schools by landscaping Contains a study of costs, a score card on this subject and illustrations of typical buildings Findings Costs in beautification of school buildings are too variable for common measurement

3312 United States Office of education. Report on the school building needs and school finances of Arlington county, Virginia 1930 20 p ms.

This investigation was made by Frank M. Phillips and W. S. Deffenbaugh of the U S Office of education

3313 Unrich, Flora. The standardization of school equipment Master's thesis, 1930 University of Cincinnati, Cincinnati, Ohio 354 p ms

Four phases of standardization of school equipment were considered: meaning and development of standardization, prevailing extent of standardization; procedure employed in the development and establishment of standard lists; and a comparative study of standard lists based upon an analysis and tabulation of procured lists. It is impossible to draw definite and comprehensive conclusions because of the newness of the field and the meagerness of authentic data. There is a marked tendency in the direction of standardization of school equipment. Numerous recommendations which may be of special significance to administrative officials are made in the last chapter.

3314. Vincent, Joseph Johnson. The cost of elementary school buildings in Texas Master's thesis, 1920 University of Texas, Austin

3315 Wagar, Garton K. A study of industrial arts shop equipment for teacher training purposes. Master's thesis, 1929 New York university, New York, N Y. 64 p

3316. Wetzel, B C. Architectural problems met in a reconstruction project. Nation's schools 4: 51-64, November 1929

The architect includes the floor plans of the old Holbrook school at Hamtramck Mich, with the plans for the building as remodeled after exhaustive study

3317 Winters, Arthur R. Study of the trend in gymnasium construction Master's thesis, 1930 New York university, New York, N Y

3318 Woodward, Harry Reuben. Public high school dormitories in western states Master's thesis, 1930 Stanford university, Stanford University, Calif.

3319 Worcester, Mass. School department. School building program, 1923-1928 1929 93 p.

3320 Young, George K. A study of pupil capacity of elementary school buildings existing in Pittsburgh in 1930 Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin, 27: 413-14, November 1930 (Abstract)

3321 Younger, William Henry. A study of space provisions in 64 high school building plans Master's thesis, 1929 University of Texas, Austin

See also 13, 249, 721, 1977

#### JANITORIAL SERVICE

3322 Adkisson, R W. Training of public school janitor engineers. In National association of public school business officials. Proceedings, 1930 Trenton N J, Harrison press, inc, 1930 p 84-114

Gives the results of a questionnaire study to find out the practices in city schools concerning the selection of janitor engineers, evaluation of types of training types of training in use, etc

3323 Ganders, Harry Stanley, and Reeves, Charles Everard. [Status of the school janitor-engineer] American school board journal, 79 49-50, 116, September, 35-36, 127-28 December 1929, 80, 53-54, 142, 144, February; 54, 144, April, 47-49, June 1930, 81: 47-48, August 1930

This is a series of articles dealing with the present status, personal qualities, selection, promotion tenure, dismissal and training of school janitor-engineers and the administration of janitorial engineering service

3324 Hixson, Joseph H. Fuel saving practices and devices. Albany, University of the State of New York, 1930 29 p (University of the State of New York bulletin, no 946, April 15, 1930)

3325 Mustard W H A survey of the janitorial service of Ohio Master's thesis 1929 Ohio state university Columbus 99 p ms

*Findings* Janitors have scarcely any preparation for their work Their educational qualifications are of a meager type they receive no training while in the service About one-sixth of them are incapacitated by chronic diseases or physical deformities.

3326 Nilbecker A S A building and janitorial survey of the Los Angeles school buildings American school board journal 79 56 137-38 August 1929

A survey of Los Angeles school buildings was made to secure data useful to the maintenance and architectural divisions of the business department and for the purpose of verifying the janitor allowance at the various schools

3327 Winspear Clara Marie Mechanical cleaning service in public schools of large American cities Master's thesis 1930 University of Cincinnati Cincinnati Ohio 78 p ms

A study of accepted mechanical standards for mechanical cleaning systems as taken from manufacturers' files and literature on the subject and 168 responses from a questionnaire study The questions were objective and not theoretical Findings It was found that the central installed mechanical cleaning system is superior to other types that high volume low vacuum low horsepower plants have greater density of air and lower initial and maintenance costs and that standard specifications and accurate installation of plants are necessary to their successful functioning

## HEALTH EDUCATION AND SUPERVISION

3328 Bartolome Candido Physical measurements of freshmen Filipino students in the University of the Philippines International Y M C A college Springfield Mass 30 p

The purpose of the study was to determine the stature of Filipino college students. The different races were separated into specific groups and their differences taken in height sitting height weight and lung capacity In all about 430 men and 300 women were measured from seven racial groups

3329 Bauer E. A. A study of the health and physical education programs in smaller high schools of New York State 1930 State department of education Albany N Y 17 p ms

A study of time schedules for hygiene and physical education instruction representative school hours boys and girls intramural activities and physical directors

3330 Baylis Louise A program of health and physical education for girls in the New York City high schools Master's thesis 1930 New York university New York, N Y 80 p ms

3331 Beard J Howard Decreasing sick rate noted among university students Nation's schools 4 61-66 November 1929

A five year study of the sick rate of students at the University of Illinois indicates that there is not only diminished morbidity but also earlier attention is given to illness.

3332 Bitgood Paul Study of six years height and weight measurement of the Springfield public school boys 1930 International Y M C A college Springfield Mass

3333 Bledsoe Verda Mae The relation between defective physical condition and school progress with special emphasis on dental defects. Master's thesis 1930 University of Denver Denver Colo 80 p ms

For this study the annual class physical-examination sheets made out by the school nurse and teachers for 400 children from grades 3B to 6A in the Maria Mitchell school of Denver during the first semester of 1927 were taken The e included a record of weight height eyes ears tonsils, mouth breathing and glands In addition to these a record of the teeth of each child was taken from the yearly examination by the school dentist The present investigation leads to the conclusion that there is very little relationship either between the physical defects in general and school progress as measured by promotion in school or between dental defects as measured by the several criteria of the study

3334 Brenner, Margaret A course of study in health for the elementary school children of Manhattan Kans., based on a survey of their health habits Masters thesis 1929 Kansas state agricultural college Manhattan 793 p

3335 Butsch, Russell L. C. A comparative study of the effects of different types of school building ventilation on the health of pupils Elementary school journal 30 16-26 September 1929, 123-31, October 1929, 208-17 November 1929

Various types of ventilation used were studied to evaluate the types by comparing relative amounts of absence due to respiratory illness among the pupils attending schools using different methods and to discover any other factors which may have a bearing on the results Window gravity system of ventilation was found to be the most desirable It was found that differences between pupils in two types of ventilated rooms are not enough to account for any material part of the larger percentage of absence due to respiratory illness in pupils in mechanically ventilated rooms

3336 Cairns, Laura A scientific basis for health instruction in public schools, Berkeley Calif University of California press 1929 p 339-44 (University of California publications in education vol 2 no 5)

A study to determine the proper content for health instruction in schools and to examine in the light of the facts thus established the health instruction given in public schools at the present time Data were gathered from 17 high schools 23 junior high schools and 39 sixth grades in San Francisco Oakland Berkeley and Richmond

3337 Clark, Grace. A study of the physical growth of children ages 6-17 Masters thesis 1929 University of Iowa Iowa City 89 p ms

3338 Clogston, E. B. Health and scholarship in summer high school School review 37 700-63 December 1929

Conditions affecting the health and scholarship of pupils of the Garfield high school Terre Haute Ind were studied during the 1929 summer term Comparisons were worked out to determine the relation of the summer school work to that of the regular sessions One hundred and thirty-eight pupils were enrolled Data indicate that the scholarship of pupils in the summer high school is equal or superior to that of pupils in the regular school sessions This investigation points toward the conclusion that the summer school is more healthful with a smaller percentage of absences on account of illness than the regular school sessions

3339 Coffin H. J. Constructing a course of eye hygiene 1930 Western Reserve university Cleveland Ohio

The pupils and their habits were studied the pupils filled out a questionnaire concerning their activities out of school, the needs of partially sighted pupils were ascertained from teachers and physicians in order to construct a course in eye hygiene for grades 1 to 9

3340 Connor, W. L. Dental clinics and mouth hygiene of pupils 1929 Board of education Cleveland Ohio (Bulletin no. 1, July 1929, no 29 December 1929)

3341 Cooper, Robert James Factors determining health knowledge Masters thesis 1930 College of the City of New York, New York N. Y. 57 p ms

A study of correlations and partial correlations involving National Intelligence score Gates reading test score score on health knowledge test and Burdick a test of home environment Findings Acquisition of health knowledge seems to vary more with mental age and reading ability than with home environment

3342 Davies, Mary B. The specific gravity of the human body, an approach to the analysis of body weight into muscle fat and bone quotas Masters thesis 1930 Wellesley college Wellesley Mass 43 p ms

One hundred college women including a wide range of body type were measured for specific gravity height weight vital capacity chest depth diameter of wrists and ankles thickness of subcutaneous fat and strength Findings Tissue ratio rather than skeletal size is of significance in the determination of specific gravity Differences in body type and body weight tend to be characterized by corresponding difference in this ratio The question is raised as to the advantages of conforming to the average in weight for height or weight for frame when this means in general merely the average of fat quota for height or frame

3343 Davis, Dorothy The effect of exercise on post operative convalescence. Master's thesis 1930 University of Wisconsin Madison

3344 Davis, Lillian B Course of study—health education in elementary schools Baltimore, Md., Public schools, 1930 250 p

A tentative course of study in health education resulting from experimental instruction given in Baltimore public schools during a period of two years 1929-1930, under the guidance and supervision of the members of the health education committee

3345 ——— Prevention of communicable diseases prepared for junior high school health education 1930 Public schools, Baltimore, Md. 20 p ms

A report upon the development of a unit in health education for junior high schools, which contains a set of pretests guide sheets and exploratory material

3346 Dawson, Lillian R Lunch room project 1930 Elizabeth City normal school, Elizabeth City, N C

This project seeks to provide children with hot lunches

3347 Denver, Colo Public schools Department of research An outline of the program of health education and health guidance at Morey junior high school 1930

3348 ——— ——— ——— A study to determine the value of pupils both educationally and physically when dental defects are corrected 1930

Control and experimental groups were studied as to the number and severity of dental defects and educational and physical achievement measured A three year follow up was made to determine the effect of improving these dental defects upon the health and educational achievement of the pupils

3349 DeWeese, A O Health service in normal schools and teachers' colleges. Nation's schools, 4: 54-58 October 1929

From a study of 50 teacher training institutions scattered over the country in 23 different states a set of standards in student health service for teacher training institutions is recommended

3350 Donald, Adolph M Health education—a program for boys in the New York City high schools Master's thesis 1930 College of the City of New York New York, N Y 203 p ms.

Description and evaluation of the program by means of observation questionnaire interview and reference to the literature on the subject

3351 Eastwood, Floyd Read A study of subject matter materials, and methods in health Journal of educational sociology, 3: 536-45, May 1930

Gives a summary of the health program as carried out in 18 metropolitan elementary schools

3352 Evans, Arthur James Health education through recreation. Master's thesis, 1929 University of Notre Dame, Notre Dame, Ind

3353 Evans, H G Influence of hygienic instruction upon the health practices of students in Lyndhurst high school Master's thesis, 1930 New York university, New York, N Y

3354 Foster, Josephine C School records of illnesses at various ages. Journal of educational research, 20: 283-86 November 1929

3355 Franzen, Raymond Public health aspects of dental decay in children New York city, American child health association, 1930 121 p

A comparative study of the mouths of 7,500 fifth and sixth grade children in 70 cities.

3356 Garrison, Arthur Emmett A comparison of health habits and school achievement Master's thesis, 1929 University of Kansas, Lawrence

3357 Gemme, A. L. Comparison of corrective strengths in Springfield college freshmen and seniors 1930 International Y M C A college, Springfield Mass

3358 Gray, Louise F Reaction time with choice as an element of motor ability Masters thesis 1930 Wellesley college Wellesley Mass. 86 p ms.  
One hundred and twenty five women students representing a wide range of motor ability as estimated by instructors were given tests of simple reaction time reaction time with choice of four responses and reaction with choice when two of the responses were crossed Findings Reaction time with choice is significantly related to motor ability The test used is reliable

3359 Greene Charles E Experiment in nutrition for underweight pupils able to gain [1930] Public schools Denver Colo 8 p ms

Underweight pupils in three schools who were able to gain were selected and a careful program of feeding home instruction and nurse care was carried out Gain justified a continuation of the experiment

3360 Guyer, R. J Study of Connecticut agricultural college physical measurements 1930 International Y M C A college Springfield Mass

3361 Hayward Myrtle Report of a study of school lunches for rural districts Master's thesis 1929 Teachers college Columbia university New York, N Y 61 p ms

3362 Head James Lloyd A study of the effect of cigarette smoking on the boys of Temple high school Master's thesis 1930 University of Texas Austin

3363 Hood Georgia Hannah Investigation of the physical examination records of a group of college students as high school freshmen and college freshmen Master's thesis 1929 University of California Berkeley 28 p ms.

An investigation of the health status of college freshman girls and their health status as high school freshmen revealed by their physical record cards in order to formulate definite immediate aims for a secondary school health program. Conclusions (1) There should be adopted a uniform method of keeping records (2) It would make data more valuable if the examiner had a more uniform idea of the degree of defectiveness and (3) many students leave our secondary schools with preventable and remediable defects and faulty health habits

3364 Horratl A H and others Health course for elementary schools 1930 School department San Jose Calif 77 p ms

A health course outlined by grades from 1 to 6

3365 Hosman, Ione and Roberts Lydia Nutrition study in consolidated schools in Nebraska Master's thesis 1929 University of Chicago Chicago Ill

3366 Ihsan Guzin A study of the subcostal angle of 400 college women and its alleged relation to vital index body type and motor and mental ability Masters thesis 1930 Wellesley college Wellesley Mass 12 p ms

The sides and apex of the subcostal angle were marked with red dots and measurements were made from photographs. Areas of the subcostal angles an academic index a vital index and motor test scores were also obtained. The subcostal angle has no predictive value for motor intellectual or social achievement no correlation with the vital index, and virtually none with body type as measured by the ponderal index.

3367 Illinois State department of public health Division of child hygiene and public health nursing Suggested outline for procedure in school nursing Springfield 1930 42 p

3368 Indiana Department of public instruction The health education and physical education program for Indiana high schools Indianapolis 1930 (Bulletin no 100F-s supplement to bulletin no 100F)

3369 James William Thomas A study of the expression of bodily posture Doctor's thesis 1929 Cornell university Ithaca N Y

3370 Johnson H C Study of heart rate and blood pressure in junior high school boys 1930 International Y M C A college Springfield Mass



3371 Kalamazoo Mich Public schools Department of research Report of health survey no 8 giving reasons for children being absent from school 1930 18 p ms (Bulletin no 79)

An outstanding fact brought out by the survey is that infections of the upper respiratory tract such as colds sore throats etc were the cause of more absentees in all of the department than contagious diseases of childhood

3372 Keal Harry M Health and scholarship In Michigan schoolmasters' club Journal 1930 p 244-49 (University of Michigan official publications, vol 32 no 8, July 25 1930)

3373 Kelley Elizabeth Cecelia The organization of a health teaching program for high school girls Masters thesis 1929 New York university, New York N Y 46 p

3374 Kotsch Hildreth L The physical and medical examination of girls in California high schools Masters thesis 1930 University of California Berkeley 161 p ms

A study to determine the actual conditions existing in California high schools with regard to the physical and medical examination of girls Findings The physical and medical examination of girls in the 121 California high schools visited is in a state of development No standards common to the schools of the state have been established. The whole matter appears to have been left to the individual school or school system to work out according to its own needs facilities and ideals

3375 Kyte, George C New Mexico state course of study in healthful living, grades 1 to 9 1929 University of New Mexico Albuquerque

3376 Lensch Dorothea The measurement of general motor ability for college women Masters thesis 1930 Wellesley college Wellesley, Mass 154 p ms

Complete scores for 15 carefully chosen and administered test events were obtained from 300 Wellesley college freshmen and sophomores The results of the test were handled in general according to Cozens procedure Three satisfactory four event batteries of tests were selected and each event weighted according to regression equations

3377 Lewis Anna W A study of the status of health knowledge health education and health of students in certain rural schools of Kansas Master's thesis, 1930 University of Kansas Lawrence

3378 Lindquist R D and Powell, Alvin Experiment in rehabilitation of children returning to school after severe illness 1929 Public schools Oakland Calif 12 p ms

3379 Lingham Gertrude The development of the first child health standard. Masters thesis 1930 George Peabody college for teachers Nashville Tenn 127 p ms

A chronological outline of the development\* (during the first child health demonstration Mansfield and Richland county Ohio 1922 1925 inclusive) of the first child health standard in the United States and of the rural school health program in which it was developed and used. The first child health standard was developed in the course of a school health program and not deliberately it was in process of development for about one year and it apparently became a unifying influence in the school health program

3380 MacEwan Charlotte G An objective method of grading posture Masters thesis 1930 Wellesley college Wellesley Mass

A critical review of methods which have been used for grading posture and the development of an objective method involving the location of certain points upon the body and posture photography Eight hundred and fifty-eight subjects were graded subjectively by a group of nine authorities on posture and objectively by the new method The objective method has proved satisfactory and is used in the routine posture examination at Wellesley college

3381 McFadden, T W Cost of communicable diseases in Oakland public schools during 1929-1930 through loss of state apportionment funds 1930 Public schools, Oakland Calif 3 p ms.

138<sup>o</sup> McNulty John F A study of the relation between remediable physical defects and physical capacity Masters thesis 1930 New York university New York N Y 44 p ms

A study of 790 high school students Findings Removal or improvement of defects results in an improvement of physical capacity

1383 Manhee Marie The relation between certain skeletal measurements and body weight in 500 college women Masters thesis 1930 Wellesley college Wellesley Mass 102 p ms

Measurements were made of height weight chest depth at the limit of inspiration and expiration breadth of both wrists and ankles and thickness of skin and subcutaneous tissue Subjects were classified as to body type of computing the ponderal index and by subjective judgments of posture and photographs. Chest depth is the skeletal measurement most significantly related to weight, the relative importance when compared to height is 0.1 when height wrist breadth ankle breadth and chest depth are considered

1384 Martie J E Study of University of Nevada physical measurements for six years. 1930 International Y M C A college Siringfield Mass

1385 Mayer, Lewis F A health program for the schools of Fairview village Masters thesis 1930 Ohio state university Columbus 93 p ms

Findings In Fairview village Cuyahoga county Ohio health protection and health teaching were good but more attention is needed to the field of health development.

1386 Messer Guerdon N Outline of personal hygiene course for college freshmen Masters thesis, 1930 New York university New York N Y 101 p ms

1387 Milbank memorial fund Report for the year ended December 31 1928 with an account of the New York health demonstration New York city Milbank memorial fund 1929 153 p

Contains results of the health demonstrations in Cattaraugus county New York and in Syracuse, New York

1388 Morgan Peter Joseph The heart and exercise Masters thesis 1930 New York university New York N Y

1389 Mustard Harry S Cross sections of rural health progress Report of the Commonwealth fund child health demonstration in Rutherford county Tennessee 1924-1928 New York city The Commonwealth fund 1930 230 p

A survey of the medical examination of rural school children the correction of defects the development of community understanding details of procedure infant and preschool service etc in Rutherford county

1390 Myers Edward Thomas A survey of sight saving classes in the public schools of the United States with special reference to their location and growth certain physical mental scholastic and social conditions of their pupils and the training and experience of their teachers Doctor's thesis 1930 University of Pennsylvania Philadelphia

1391 Nichols Marjorie and Raubenheimer A S Relationship between improvement in the health of high school girls and their improvement in scholarship Journal of juvenile research 14 114-19 April 1930

A study of what relationship if any exists between improvement in health and progress in school as evidenced by teachers grades studying the factor of nutrition in three groups of undernourished high school girls. A general tendency for scholarship to improve as weight increases and general health improves was found to exist

1392 Norfolk, Va Public schools Health. Revised course of study 1930 (1) Kindergarten 32 p (2) primary grades 44 p (3) fourth grades 34 p (4) fifth grades 32 p

1393 North Carolina State department of public instruction Health education a suggested procedure for teaching alcoholism and narcotism Raleigh N C 1930 32 p (Educational publication no 145 Division of teacher training no 16)

3394 Olesen, Robert The thyroid gland and communicable diseases among school children American school board journal, 79 76 78 November 1929

A study lasting three years was made involving a large number of elementary school children in Cincinnati. The study was made along two general and complementary lines the thyroid condition was noted before and after certain communicable diseases the relationship between thyroids and past communicable diseases was studied

3395 Orgain Ruth Orum Health education in the kindergarten. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 154 p ms

This study included two years of observation in a kindergarten situation to ascertain what opportunities arose for health learnings together with records of measurement of results Findings If an opportunity is given children and teacher to develop activities comparable to those in life and if the teacher has developed an awareness of the physical mental and emotional needs of the children there need be no formal teaching for activities offer a more fertile situation in which habits grow due to the fact that children catch meanings that are significant to them in relation to the act.

3396 Parrott Hattie S Child health education 1930 State department of public instruction Raleigh, N C 50 p ms

A compilation of present best practice in teaching and supervising child health education in country schools

3397 Pennock Erastus W A study of physical condition in relation to heart rate and blood pressure during adolescence 1930 International Y M C A. college Springfield Mass

The purpose of the study was to find the physiological basis for determining physical efficiency

3398 Poley, Margaret S A cardiovascular test of fitness Master's thesis 1930 Wellesley college Wellesley Mass 60 p ms

One hundred and twenty five subjects some medically limited in physical education because of minor heart defects and some in excellent athletic training were given tests of heart rate and blood pressure under varied conditions of position and exercise Reclining pulse rate pulse rate increase on standing and pulse return to normal following a standard exercise are the factors of most significance The proposed test is more quickly and easily administered than the Schneider test and has a considerably higher predictive value within the scope of the criterion and the class of subjects used in this study

3399 Pollock Meyer M. The road to healthy feet. Journal of health and physical education 1 23-25 62 April 1930

A report of an experiment conducted at the Jenner public school Chicago for the purpose of correcting certain foot deformities through the aid of corrective gymnastics In April 1929 impressions were taken of 223 pairs of boys feet 97 foot defects were noted and the boys given corrective work Improvement was noted in 75.7 per cent of the cases treated

3400 Powell, Mary Elizabeth Trunk strength and flexibility as factors in posture Master's thesis 1930 Wellesley college Wellesley Mass 85 p ms

One hundred and ten college women selected to include a wide range of variability in posture were tested for strength of the muscles that might be responsible for erect posture of the trunk and were measured for anterior posterior flexibility of the spine using a photographic method General strength or flexibility are not factors in posture. The strength of certain muscles and flexibility in certain directions are possible factors

3401 Pryor H C Pryor health test (for junior and senior high school) 1930 Kansas state teachers college Pittsburg

3402 Pugh L L. The effect of achievement of compelling personal hygiene and supplying free breakfasts to pupils in all foreign language speaking families 1930 Independent school district Houston Texas 4 p ms

3403 Quimby, Clayton R Weight and physical measurement correlations and comparisons 1930 International Y M C A. college Springfield Mass

The purpose of the study is to find a better method for indicating weight than the present height weight standards

3404. Rennie Florence C Correlation of health knowledge and health habits and practices Master's thesis 1930 University of Oklahoma Norman 54 p ms

A study to determine if health knowledge functions in practice Findings There is a low correlation between health knowledge and health practice

3405 Richey, Herman Glenn The blood pressure in boys and girls before and after puberty and its relation to growth and maturity Doctor's thesis, 1930 University of Chicago Chicago Ill

3406 Rogers, James Frederick Physical defects of school children Wash ington D C, United States Office of education 1929 29 p (U S Office of education School health studies, no 15)

Shows defects found at school age and at military age

3407 ——— State-wide trends in school hygiene and physical education, as indicated by laws regulations, and the courses of study Washington United States Government printing office, 1930 13 p (U S Office of education Pam phlet, no 5 May 1930)

3408 Rose, Guy B Current offerings in health education for teachers Doctor's thesis, 1929 New York university New York N Y

3409 Rose Mary S The organization of subject matter for nutrition teach ing as part of health education in elementary schools 1930 Teachers college Columbia university, New York N Y

Preparation of a course of study for fifth and sixth grades

3410 Schmidt, Paul F Grade school health and efficiency tests Journal of health and physical education 1 20-21, 52-53 February 1930

The self-rating health and physical proficiency tests program was carried on in the school system of Rochester Minn with the purposes in view of applying the pupils knowledge of classroom subject matter of health and hygiene to themselves in connection with physical education of giving him the opportunity to make comparisons of himself and his personal attainments with those of companions of like grade age and sex and of giving the classroom teacher another angle of approach to the subject of physical education

3411 Schnauber, Enid An investigation into the causes of back pain Mas ters thesis 1930 Wellesley college Wellesley, Mass 46 p ms

Posture photographs and foot pronation were studied to see if body statics were re sponsible for back pain A group of 54 reporting back pain was compared with a normal group twice that size Conclusions There is no relation between back pain and the depth of the thoracic or lumbar curves the position of the knees the weight of distribu tion or the angle of body tilt It is evident that there is a positive relation between pronation and back pain

3412 Shaw Dorothy Roach Studies on the sugar content of the blood of children Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 377-78 November 1930 (Abstract)

3413 Skien John Severn The effect of fatigue on high school boys as meas ured by Pembrey's test Master's thesis 1929 University of Iowa Iowa City

3414 Sollins Irving V Sugar in diet an educational problem Journal of educational sociology, 3 341-48 546-55, May 1930

1 presents a description of a number of experiments in the teaching procedures showing how schools can go about the business of breaking down old habits attitudes and knowledges that have proved to be incorrect and detrimental to health and substi tute new ones that more adequately meet the demands of a changed social situation

3415 Steis, Marguerite Florence How Washington equips school girls for health Nations schools 5 45-52 February 1930

Information was collected by questionnaires from 15 accredited secondary schools in the District of Columbia The physical education programs in these schools differ some what in organization and administration They are planned by the respective principals according to the especial needs of each school.

3416 Stewart, Charlotte The organization of health education program for girls in the junior high schools of Salt Lake City Master's thesis 1930 New York university New York N Y

Gives suggestions on the organization and a complete handbook for the teacher of health education for junior high school girls

3417 Symonds, Percival M Chairman Measurement in health education In Joint committee on health problems in education of the National education association and the American medical association Report 1930 Chap 5 sect. E p 144-53

3418 Thiel Richard B School health measures viewed from a legal standpoint Nation's schools 4 36-40 July 1929

The author reviews laws of the various states dealing with health measures for school pupils

3419 Tolliver, Grannell A study of the status of health and of health knowledge and the effect of health teaching in the third and fourth grades of three Texas schools Master's thesis, 1930 University of Kansas Lawrence.

3420 Tomlinson Edith Stone A course of study in hygiene for senior high school girls Master's thesis 1930 University of Southern California Los Angeles

3421 Tracy Bettie M Open window schools 1930 Public schools Wheeling W Va 5 p ms

A study of open window rooms in five cities about the size of Wheeling W Va Gives information concerning supervision admission rest periods average number of pupils per teacher and window adjustment

3422 United parents associations 152 W 42nd Street New York, N Y School lunch survey of New York City [1930] 10 p. ms.

Facts obtained from an inquiry conducted by the United parents associations in the New York City elementary and junior high schools having no lunch service by the Board of education or by a concessionaire

3423 VanCleave Nelson R. The school nurse in Indiana history and present status Master's thesis 1929 Indiana university Bloomington 77 p ms

3424 Van Dyke G E The effect of the advent of puberty on the growth in height and weight of girls School review 38 211 21 March 1930

Evidence leads to the conclusion that the sudden rise in height and weight curves of girls comes one or two years before puberty rather than at or after the initial stage of puberty and this holds good regardless of the age at which puberty arrives.

3425 Wade, Clarice N An objective method of grading posture applied to girls of preschool and elementary school age Master's thesis 1930 Wellesley college Wellesley Mass. 54 p

Posture photographs of 209 girls from four to 14 years of age were studied to establish a method of correspondence between measurable elements of the body profile and the subjective rating given by competent experienced judges A satisfactory prediction formula was worked out from the following variables: sum of depths of spinal curves weight line neck and head position acapular tilt and age

3426 Wells, George Physical efficiency as determined by certain physiological tests Master's thesis 1929 University of Iowa Iowa City

3427 West Wilbur D A study of the physical condition of the adolescent boy in relation to heart rate and blood pressure and pubescence 1930 International Y M C. A college Springfield Mass

One thousand five hundred and forty six examinations were made on 451 adolescent boys in the Buckingham junior high school of Springfield Mass Careful technique was used the boys coming to a special examining room Conclusions were (1) that the heart rate tends to decrease with increasing chronological age in the horizontal and vertical positions (2) that there is a gradual increase in blood pressure in each physiological age group (3) the more mature individuals in any chronological age group have higher pressures than the less mature

3428. Wheeler, L R A comparative study of the physical growth of dull children *Journal of educational research*, 20 273-82, November 1929

The writer concludes that dull children are below normal in all measures of physical growth from the age of six through 11 except the age of six in trunk length and in iliac measure for girls

3429 ——— A comparative study of physical growth of dull Italian children *Journal of applied psychology*, 14 376-91, August 1930

The author attempted to study the physical growth of dull children to find out whether the dull Italian child grows as much from age to age as the normal Italian child Data were obtained from the Harvard growth study The children selected for this study had IQs below 90 as measured by the Dearborn intelligence tests for six consecutive years ranging from the ages of six to 12 Data indicate that there is a small and fairly consistent difference in the majority of measures studied between dull and normal Italian children in standing sternal and sitting height weight trunk length and iliac width from age six through 11

3430 Wilkinson, James B The relation of health to achievement of intermediate school students *In Michigan schoolmasters club Journal* 1930 p 241-42. (University of Michigan official publications vol 32 no 8 July 26 1930)

This study is an attempt to discover if health is an important factor in determining whether or not boys and girls leave the intermediate school before completing the prescribed course of study A study was made of a group of 100 boys from the Miller intermediate school of Detroit Data indicate that the boys who complete the prescribed course of study and enter high school are physically superior to the group who fail to finish the intermediate school

3431 Wohltman, ——— Correlation of lung capacity of high school girls. Master's thesis 1930 New York university, New York N Y

3432 Zook, Doet Earl A study of the physical growth of boys by means of water displacement Doctor's thesis 1930 University of Chicago, Chicago, Ill  
See also 3289 3473 3477-3478, 3903 4152 4292 4327, 4338-4339 4307, 4407, 4438

#### MENTAL HYGIENE

3433 Altenecker, Louise E A survey of work in the field of mental hygiene in the teacher training institutions in the United States for the academic year 1929 1930 Master's thesis 1930 New York university, New York N Y 113 p ms.

The study is based on data received from 239 of the 295 teacher training institutions in the United States in response to a questionnaire The survey has shown that the teacher training institutions are coming to recognize the importance of mental hygiene for all instruction and are introducing courses and clinical work where possible Rapid progress in this work has been made during the past 10 years and the amount of literature has greatly increased The emphasis in mental hygiene has shifted from the abnormal to the normal from the problem of treatment to that of prevention The individual is becoming the focus of attention and education is striving to meet the need of the child

3434 Burnham, William H Personality differences and mental health *Journal of genetic psychology* 36 331-89 September 1929

Several studies of personality differences are reviewed by the author The conclusion is reached that personality is not made by education but may be improved by it.

3435 Costello, Cyril A. The volunteer boy worker and mental hygiene Master's thesis 1929 University of Notre Dame Notre Dame Ind.

3436 Lebowitz, Gordon. The results of the administration of thyroxin or the thyroid substance to cretins with special emphasis upon improvements in mentality Master's thesis 1930 College of the City of New York, New York, N Y 46 p ms.

A survey of the literature on the subject.

3434 Symonds Percival M and Jackson G E An adjustment survey  
Journal of educational research 21 321-30 May 1930

Gives the results of a survey made in several high schools in New York City Describes the use of the questionnaire and a rating device for surveying the personality adjustments of high school students so that personality disorders may be recognized in incipient form and steps taken to bring about mental health before the matter develops into a genuine pathological state

3438 Tumlin Sarah Mozella Mental health through physical education activities Masters thesis 1930 George Peabody college for teachers Nashville Tenn 60 p ms

## PHYSICAL EDUCATION

\*3439 Ainsworth Dorothy S The history of physical education in colleges for women as illustrated by Barnard Bryn Mawr Fimbra Goucher Mills Mount Holyoke Radcliffe Rockford Smith Vassar Wellesley and Wells Doctors thesis 1930 Teachers college Columbia university New York N Y New York city A S Barnes and company 1930 116 p

A study of physical education in 1 women's colleges shows that it has passed from a position of considering as its responsibility merely physical condition of students, to a feeling of responsibility for the general development of the student calling for an increase in equipment and staff and the development of a program of vigorous and varied activities Teachers with superior professional training and college education are in demand Cooperation is close between the department of physical education and the department of the college physician Athletic competition was found to hold a more prominent place than intercollegiate sport College departments have good opportunity to develop a program which will assist students in and after college to live in a fashion satisfactory to themselves and others

3440 Bartlett L W The Y M C A physical director Chicago Ill University of Chicago press 1929

This study is a complete inventory of the things done by physical directors and rated by them as to frequency of performance importance difficulty and school training

3441 Beattie Marietta Sexton Physical education in state institutions for the deaf Masters thesis, 1930 University of Southern California Los Angeles

3442 Bowman John Course of study—junior high schools physical education 1930 Public schools Baltimore Md 114 p ms

3443 ——— Report on tests in junior high school physical education 1930 Public schools, Baltimore Md

3444 Boykin Elizabeth Organization and administration of an elementary school program of physical education Based on data accumulated by the Commonwealth fund of America from a five-year child health demonstration in Athens Ga Masters thesis 1929 New York university New York, N Y 47 p ms

3445 Brace David Kingsley and Pinckney Jeanie Mary Manual of physical education for the elementary grades Austin University of Texas 1930 300 p

3446 Brainard A F Directing the doing of learning exercises in teaching physical activities Masters thesis 1930 University of Illinois Urbana 89 p ms

A study to determine the essential phases of the teacher's task as an instructor of physical activities Findings Report contains objectives and appropriate learning exercises for the attainment of objectives Consideration is given to motivation to direction of learning activity and to diagnosis and remedial treatment

3447. Bunce, H. Ross (Columbus, Ohio). Motivations of the physical directorship [1030]

One hundred and seven men indicated their like or dislike for 155 typical duties of a head of physical education department. Items rated for significance showed a positive correlation with liking. Some additional data are given on relationships with co-workers salary, home situation, ideas on activity promotion, and preference in committee service outside the Y M C A

3448 Burpee, Royal H. Differentiated physical education. Master's thesis, 1930 Teachers college, Columbia university, New York, N. Y. 61 p. ms

3449 Burt, Carl Willard. The effect of physical education on physical traits and marks of college students. Master's thesis, 1930 University of Chicago, Chicago, Ill.

3450 Carpenter, Aileen. Studies in physical education. Master's thesis, 1929 University of Iowa, Iowa City.

3451 Clegg, Arthur A. The developing of a progressive group of tests in physical education in the junior high schools. Master's thesis, 1930 New York university, New York, N. Y. 50 p. ms

The beginning of a group of tests in physical education based on actual testing in football, soccer, high jump, broad jump, push ups

3452 Coons, George E. Recommendations for a program of physical education and health in the East Windsor township schools, Hightown, N. J. Master's thesis, 1930 Rutgers university, New Brunswick, N. J.

3453 Cozens, Frederick W. A study of stature in relation to physical performance. Research quarterly of the American physical education association, 1 38-45, March 1930

The author made a study of college men to determine the influence of age, height, and weight on physical performance. Even with college men, certain stature groups are superior to others.

3454 Crapser, A. Lester. National physical achievement standards. Journal of health and physical education, 1 14-16, 56, January 1930

The author collected between 50 and 75 different sets of tests of physical activities which are being used by various school systems. This year a set of standards, which has been prepared is being tried out in four or five representative cities in order to secure statistical data for their refinement, classification of set up and instructions, and for constructive criticism. It is hoped that standards of achievement can be established which will be used throughout the country

3455 Davies, Ellis Rhys. The trend of corrective work in physical education in American colleges and universities. Master's thesis, 1930 University of Southern California, Los Angeles

3456 Duncan, Gilmore Adelbert. The use of gymnasiums in rural California high schools. Master's thesis, 1930 Stanford university, Stanford University, Calif

3457. Frazer, S. T. Correlations between physical efficiency scores and certain measures of ability and achievement. Master's thesis, 1930 University of Kansas Lawrence

3178 Glascock, David A. Achievements in skills taught in physical education 51 (gymnasium work) at Indiana state teachers college. Teachers college journal (Terre Haute, Ind.), 1: 165-69, July 1930

The results of this study show that modern educational methods can be used in physical education with distinct advantage to the class and instructor

3459 Greene, Mack M. Energy cost of exercise. 1930 International Y M C A college, Springfield, Mass.

The study examines the amount of energy spent during various activities, such as volley ball, basketball, swimming, etc. The research is based upon metabolic studies with the Douglas-Haldane method.



3460 Grunberg, Arthur Alexander. Short static contraction as an aid in corrective gymnastics [1930] International Y M C A. college, Springfield, Mass

The purpose of the study was to determine whether short static strength of muscles can be increased, and whether these increases affect favorable posture

3461 Hendricks, George Fox (Syracuse, N Y) Legal status of physical education in the United States Master's thesis, [1930]

A study of past and present physical education legislation indicates great need for uniformity of laws and federal control Future trends should combine physical education more closely with general education

3462 Hickox, E. J Position study of the physical directors 1930 International Y M C A college, Springfield, Mass.

A statistical study of all available data on physical directors of the Y M C A from the beginning of such specialized service for the determination of the potency of factors related to persistence in this field of work and the characteristic trends

3463 Horton, Clifford E Physical education for junior and senior high schools Normal, Ill, Illinois state normal university, 1930 69 p (Normal school quarterly, series 23, no 116, July 1930)

A program of daily activities using mass games the fundamentals of games of high organization and tumbling and stunts

3464 Hupprich, Mabel J The effects of previous exercises upon the cardiovascular reactions to exercise Master's thesis, 1930 University of Wisconsin, Madison

3465 Jorgensen, Alberta W. Progress of physical education in the public schools of the United States during the decade, 1910-1920, with special reference to legislation and curricula Master's thesis, 1920 New York university, New York, N Y 60 p ms.

3466 Judd, Leslie J. Physical education activities selected and adapted for college men Master's thesis, 1929 New York university, New York N Y 133 p

3467 Karpovich, Peter V. and Affleck, G. B Some physiological effects of outdoor water activities International Y M C A college, Springfield, Mass. American physical education review, 34 566-69, December 1929

A study of the effect of class activities in a Red Cross camp upon the heart, blood vessels, and body temperature.

3468 Karst, Walter F. Differences in the organization, administration, and content of physical education in public and private elementary schools Master's thesis, 1930 University of Chicago, Chicago, Ill

3469 Latta, William Thomas. Physical education in small colleges 1930 International Y M C A college, Springfield, Mass

The purpose of the study was to find out what the small college is doing in physical education, with the idea of getting a better program Questionnaires were sent to the universities and colleges listed as having 500 students and not more than 1,000 students. 182 catalogues were received The data indicate that 80 per cent of all athletics is in charge of the physical director Athletics get credit for physical education in 71 per cent of the schools and an average of four intercollegiate sports is maintained Only five per cent of the heads of the physical education departments had physical education degrees Eighty three per cent of the schools have swimming pools 75 per cent have 440 yard tracks Forty three per cent of the schools give free medical and surgical advice to students and 68 per cent have a regular sanitary inspection.

3470 LaVeaga, R. E (Chicago Ill) A study of volleyball [1930]

This study covers the history, rules championships methods of teaching beginners and advanced players, methods of class organization tournaments, and volleyball equipment

3471 Lokrantz, Sven. Corrective physical education practiced in Los Angeles city schools. Journal of health and physical education, 1 6-8, March 1930

A total of 23 senior high schools and 17 junior high schools in Los Angeles are doing either full or half time corrective work. During the past year 7514 children received attention in the elementary schools. From the kindergarten through the high schools there is a concerted effort to aid children who have certain handicaps.

3472. Lyons, Sally Anne. The "two decile" plan, a procedure for rating girls objectively in physical education in junior high school. Master's thesis 1930. New York university, New York, N. Y.

3473 McCreary, Aaron Monroe. The minimum requirements in health and physical education for all teacher training courses. Master's thesis, 1930. University of Southern California, Los Angeles.

3474 McNeely, Alherta. Study of the status and difficulties of homogeneous grouping of physical education classes for high school girls in California. Master's thesis 1930. University of California, Berkeley. 40 p. ms.

A study to determine the extent to which homogeneous groupings of classes in physical education exist among the girls of 100 four year high schools and to discover the difficulties in the way of such grouping. Findings (1) Practically no homogeneous grouping for physical education purposes on a basis commensurate with homogeneous grouping for intellectual purposes was found, (2) possibility of homogeneous grouping for physical education is evidently limited to schools with an enrollment over 500, (3) chief difficulty in the way of such grouping is lack of valid and acceptable measures by which to classify pupils for physical education purposes.

3475. Morgan, Peter J. Exercise and the heart. Master's thesis, 1930. New York university, New York, N. Y. 33 p. ms.

An examination of 16 subjects using the Schneider test as a basis of investigation showed that training improves cardiac reserve, that body surface is directly proportional to heart rate, and that output of carbon dioxide from the lungs is inversely proportional to body framework.

3476. Nash, Jay B. Investigations in connection with governmental procedure in the organization and administration of the leadership of physical education in cities in the United States with the object of establishing desirable trends. Doctor's thesis, 1929. New York university, New York, N. Y.

3477 Neilson, N. P. and VanHagen, Winifred. Manual of physical education activities for elementary schools. Sacramento, California state printing office 1929. 386 p.

Course of study and teachers manual in health and physical education for elementary schools.

3478. Ricker, L. D. Swimming as a factor in physical and health education. Master's thesis, 1930. Akron university, Akron, Ohio. 33 p. ms.

A five year study of 994 boys who took swimming in a secondary school. This included three control groups. Findings: Swimming has a definite therapeutic, social, psychological and physiological value. i. e., swimming increases lung capacity fifty seven per cent in the case of 82 swimmers over that of similar number taking straight gymnasium exercise.

3479 Robertson, Mary Louise. A graphic representation of the content of the physical education program in colleges. Master's thesis 1929. Teachers college Columbia university New York, N. Y. 10 p. ms.

3480 Robinson, Harold D. Program of physical education activities. Master's thesis, 1929. New York university, New York, N. Y. 70 p. ms.

3481. Schneider, Edward C. A respiratory study of the influence of a moderate amount of physical training. Research quarterly of the American physical education association 1 1-8 March 1930.

The purpose of this study of two men was to follow the changes in the gaseous metabolism and breathing that occur during and after a period of daily indulgence in a moderate amount of physical exercise.

3482. Schutte, Fred K. Objectives of physical education Master's thesis 1930 New York university, New York, N Y 176 p ms

An investigation of literature since 1885 in an attempt to find what the objectives of physical education have been and are Findings The emphasis has shifted from time to time Big muscles seemed to be the chief aim at one time now the educational values are supreme

3483 Semingsen Earl M Research of physical education in Montana high schools 1930 Montana state college, Bozeman 17 p ms

\*3484 Sharman, Jackson Roger Physical education facilities for the public accredited high schools of Alabama Doctor's thesis 1920 Teachers college Columbia university New York N Y New York city, Teachers college Columbia university 1930 78 p (Contributions to education no 408)

Bibliography p 67-71

This study purposed to determine the necessary facilities for satisfactorily carrying out the physical education program in the accredited public high schools of Alabama. Results of a survey of the physical education programs and facilities in 34 per cent of the public accredited high schools are given. In his recommendations the author takes up high school accreditation state building program and the policies of the state board of education

3485 Society of directors of physical education for men in colleges and universities Report of the committee on curriculum research. Research quarterly of the American physical education association 1 17-40 May 1930

Data included in this article represent the combined opinions of 40 prominent members of the Society of directors of physical education in colleges. It deals only with the program as adapted to college age students.

3486 ——— Committee on construction and material equipment. Trends in physical education facilities and gymnasium construction Research quarterly of the American physical education association 1 41-50 May 1930

Seventy nine replies were received to a questionnaire on the need for guiding principles to aid in planning the construction of physical education facilities. Part 1 of the study relates to the trend in the construction of the various units of the physical education plant, part 2 deals with the tendencies in gymnasium construction as shown in the past present and future plans of construction

3487 Thomas Granville E Corrective physical education in the State of California Master's thesis, 1930 University of California Berkeley 41 p ms

A study to find out the present practice and trend in the correction of physical defects through the medium of the physical education departments of the public schools (high schools and junior high schools) of California. Findings Reports from 73 per cent of all the junior and senior high schools in California indicate that 75 per cent of these either have no work or are attempting to do very little work in corrective physical education. Outside the city of Los Angeles it is only in the past two years that this work has been placed in a number of the schools.

3488 Thrall, Isiah R A survey of the records kept by the girls physical education departments in the secondary schools of California Master's thesis 1930 University of Southern California Los Angeles

3489 Ulrich, George J, Jr Content of a curriculum in organized camping for students majoring in physical education Master's thesis 1929 University of Notre Dame Notre Dame Ind.

3490 Washington University Physical education bibliography compiled by physical education majors class of 1929 Seattle Wash, University of Washington press 1929 31 p

A classified bibliography for both reference and research in physical education

See also 141 143 404 509 2090, 2154 2191, 2368 3288 3329-3330 3343, 3368 3407 3438 3752 4345 4398

#### ATHLETICS

3491 Alexander Joe Dalry Technique for the study of motor skills in track Masters thesis 1929 University of Iowa Iowa City

3492 Armstrong Philip George A study of school papers for the practices in modern high school athletics as contrasted in the supposed values held by administrators. Master's thesis 1930 Pennsylvania state college State College

One hundred and sixteen school papers were studied also 93 questionnaires from 50 principals and 45 physical directors

3493 Atkinson Robert K. Physical achievement measurement by 37000 boys and girls of junior and senior high school age in several cities in the United States of America Master's thesis 1930 New York university New York N Y 297 p ms

Students were tested in 17 types of athletic and gymnastic events

3494 Beals Robert V Athletics and scholarship of the Class of 1927 at the University of New Hampshire Master's thesis 1930 University of New Hampshire Durham

A comparison of the scholarships of athletes and non athletes in the Class of 1927 at the University of New Hampshire

3495 Belcher Gilmer Lee The training and experience of high school coaches in Texas. Master's thesis, 1929 University of Colorado Boulder CO p ms

Data were secured on (1) academic and professional training (2) experience and tenure of office (3) salary and (4) subjects taught by the Texas coach. Findings (1) Seventy-six per cent were trained four years in senior college (2) 28.5 per cent had more than four years training (3) only 16.1 per cent have more than 20 hours of physical education training (4) median experience was 3.08 years (5) number of years in present position median was 2.18 (6) median salary was \$1484.48 (7) lead subjects taught do not correspond to majors or minors taken in college

3496 Digiovanna Vincent. Relation of athletic skills and strengths to those of posture Master's thesis 1930 New York university New York N Y

3497 Ellerman Raymond Henry A comparative study of academic and occupational success of athletes and non athletes Master's thesis 1930 University of Wisconsin Madison

3498 Esworthy R E Types of muscular coordination in basketball shooting Master's thesis 1930 University of Illinois Urbana 60 p ms

The purpose of the study was to find out the effect of muscular organization and of the process of facilitation and inhibition on basketball skill Findings Those types of shooting which depend upon the flexors rather than the extensors are easier to learn and more accurate than other types

3499 Farris Jeff The effect of college athletics upon scholarship Master's thesis 1929 University of Arkansas Fayetteville 68 p ms

A study of the scholastic records of 50 equivalent pairs of college athletes and non athletes.

3500 Faulkinberry Frank Albert. Analysis of positions of the body in game of football Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 88 p ms

The material for this study was obtained from authoritative readings and study and experience covering 15 years. Findings Correct stance is absolutely essential in the game of football.

3501 Griffith Dudley W The effect of participation in athletics on the scholarship of college freshmen Master's thesis 1930 University of Colorado Boulder University of Colorado studies 15 67 December 1930 (Abstract)

The group used as the basis for this study was composed of freshmen men of the University of Colorado who were given the Otis Intelligence test at the beginning of the school year 1927-1928 The total number of freshmen used was approximately 500 Data indicate that while there was a difference in the scholarship of athletes and non athletes during the freshman year the difference was too small to be reliable

3502 Hancock, Howard Joseph. Offensive line play in football. Master's thesis, 1930 University of Wisconsin, Madison

3503 Hartmann, G W. What constitutes a good football team? Research quarterly of the American physical education association, 1 85-94, March 1930

Answers to a questionnaire pertaining to current football practices were received from 87 institutions distributed throughout the United States. Data indicate that a team is successful in so far as it learns the science of football by distributing its intervals of practice rather than concentrating them

3504 Hofland, Synneva Emma. A study of the learning curves of two classes taught corner bowling by different methods. Master's thesis, 1930 University of Wisconsin, Madison

3505 Ivey, Leonora Isabella. Certain modified athletic games for elementary and high school teachers. Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn. 235 p ms

3506 Kendall, Glenn Merrill. The administration of awards for boys' athletics in high school. Master's thesis, 1929 University of Nebraska Lincoln 105 p ms. Educational research record (University of Nebraska), 2 97-105, February 1930

The present practices as regards the granting of awards for athletic activities and standards and principles which govern such practices. Data were secured from 159 Nebraska high schools, 126 high schools outside Nebraska and replies from 53 athletic associations. The author suggests a plan of awarding athletic letters

3507 Kenna, William Bernard. A study of the Mississippi high school literary and athletic association. Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 86 p ms

Considers only the athletic phase of the work of the state organization. Findings. The results of the organization justify its existence. Some changes should be made and a full time executive officer should be employed

3508 LaGanke, Leland E. A study of the stimulation of student participation in intramural athletics among the smaller colleges. Master's thesis, 1930 University of Michigan Ann Arbor 49 p ms

Methods of stimulating student participation in intramural athletics being used by smaller colleges which published intramural handbooks were studied and those practices singled out which seemed to be exceptionally productive of results and might be used in other institutions. Eighteen institutions in the Middle West were involved in the study

3509 Lamboley, Paul Bernard. A comparative study of academic and occupational success of athletes and non athletes. Master's thesis, 1930 University of Wisconsin, Madison

3510 Luther, Ruth M. A comparison of the athletic alertness test with other measures of achievement. Master's thesis, 1930 University of Illinois Urbana. 50 p ms

The purpose of this study was to compare the Griffith athletic alertness test with other measures of motor achievement. Findings. There is a high correlation between the athletic alertness test and the level of achievement of grade students in common tests of motor efficiency

3511 McMurray, Jean Gordon. Comparative study of regulations governing representative intercollegiate athletic conferences. 1930 George Peabody college for teachers, Nashville, Tenn. 64 p ms

A study of rules of different athletic conferences, taken from their constitutions for the purpose of establishing bases for organization of new conferences or the reorganization of existing ones. A comparison of 10 associations showed the items of agreement and disagreement, as well as any marked deviations from generally accepted conference rules. Each of these organizations has been the outgrowth of experiences peculiar to that association, experiences which may help to solve problems in other associations. A survey of these organizations was made with the belief that facts thus established will be helpful in planning the organization or the reorganization of any athletic association

3512. Morley, E. E. Scholarship of athletes. [1930] Heights high school, Cleveland Heights, Ohio 1 table

Effect of four subject eligibility rule on athletes Findings. High scholarship and strong athletic records are not inconsistent

3513 Nelson, Victor E. A comparison of scholarship of athletes and non-athletes of the twenty ninth district. Master's thesis, 1930 University of South Dakota, Vermillion. 74 p. ms.

3514 Norton, Herman J. After school athletic activities. Journal of health and physical education, 1: 16-17, 50, 52-53, March 1930

This article describes the athletic and recreation activities participated in by the students of the senior high schools of Rochester, N. Y., after school.

3515 Pennington, Julia. A study of the history of certain sports as a part of general education Master's thesis, 1930. Ohio state university, Columbus 181 p. ms.

The origins and development of swimming, tennis, football, basketball, and volleyball

3516 Pool, William Thomas. How the evils of inter-institutional athletics may be corrected Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 111 p. ms.

Problems suggested for solution are: (1) To provide more facilities for play and to educate more people to the value of play, (2) to create new school traditions; (3) to control athletic events and schedules. Suggests that athletes who need financial aid should be paid for their services by the school; number of courses should be limited; and coaches should be regular members of the faculty.

3517. Price, A. H. Methods of teaching foot skills in soccer. Master's thesis, 1930 University of Illinois, Urbana. 40 p. ms.

The methods of learning foot skills in soccer, are compared with those involved in other types of skill Findings: Foot skills are learned in the same way that other skills are learned The use of an artificial series of passages through which the ball can be kicked is an efficient method of teaching footwork

3518 Reed, Ralph King. Procedures in coaching high school athletics Master's thesis, 1930 University of Southern California, Los Angeles

3519. Ruby, Charles Leroy. An experiment in learning as applied to a specific sport. Master's thesis, 1930. Stanford university, Stanford University, Calif.

3520 Ryan, W. Carson, Jr. The literature of American school and college athletics New York city, Carnegie foundation for the advancement of teaching, 1930 305 p.

A survey of the literature of American school and college athletics, presenting summaries and excerpts of over 1,000 titles of books, proceedings, and official reports, educational journals and general magazines About half the books and articles read in connection with the study, and a comparatively small fraction of the total number consulted are reported in the entries

3521 Savage, Howard J. and others American college athletics . . . with a preface by Henry S. Pritchett. New York city, Carnegie foundation for the advancement of teaching, 1929 383 p. (Carnegie foundation for the advancement of teaching Bulletin, no. 23)

The object of this study was to ascertain the significant facts concerning college athletics in the United States and Canada, to analyze these facts in relation to American college and university life, with such reference to school and college athletics in other countries as may shed occasional light upon our problems, and to present a summary of American college athletics, their merits and their defects, together with such suggestions looking to their improvement as may grow out of the materials on hand.

3522 Somers, Florence Agnes. The principles involved in the conduct of the athletic activities of girls and women Master's thesis, 1929 New York university, New York, N. Y. 93 p.

3523 Strahan, Oscar William. The use of certain standardized tests in the classification of students for athletic competition. Master's thesis, 1930. University of Texas. Austin

3524. Strum, Arthur L. Administration of athletics in teachers colleges. Teachers college journal (Terre Haute Ind.) 1 161-64 July 1930

This study of athletics in teachers colleges showed that a number of institutions have state support for athletics. The responsibility for spending funds is placed often with the athletic director but in almost an equal number of cases the faculty athletic committee has this responsibility. In the majority of cases the surplus funds secured by student fees must be spent for the direct conduct and administration of athletics.

3525 Van Antwerp James. A comparison of the college records of athletes and non athletes. 1930. Monmouth college Monmouth Ill. 10 p ms

A study of the grades earned in all courses of about 150 students taking part in athletics in comparison with the average records of all college students. Findings: Those participating in athletics were shown to have a record slightly above that of the general college average.

3526. Westfall, Helen. A study of the performance of nine-year old boys in three skills (basketball throw for distance dash standing broad jump). Master's thesis 1929. University of Iowa Iowa City

3527 Woodworth Lynn F. A personnel study of the high school athletic coach. Master's thesis, 1930. George Washington university, Washington, D C. 96 p ms

A study of 160 high school athletic coaches from cities under 5000 to 100000 in population training and experience. Findings: The typical athletic coach has strong physique good health is well educated and is a leader.

See also 3288

## PLAY AND RECREATION

3528 Asfahl, William D. A survey of the problem of recreation in a town of 2000 people. Master's thesis 1930. University of Colorado Boulder. University of Colorado studies 18 45-46 December 1930. (Abstract)

This study is an analysis of the problem of leisure and recreation based upon facts secured through a survey of the leisure time activities of the people and of the provisions for recreation made by public private philanthropic and commercial agencies in a town of 2000 people. Data were gathered over a period of 12 months by general observation, personal interviews a study of the records of the organizations of the community and by questionnaires. Findings: Many unwholesome conditions and a general torpidity of life are results of the failure of the small town to cope with the problem of leisure and recreation.

3529 Ashby, Dewey Theodore. The development of the boy scout movement in America. Master's thesis 1929. George Peabody college for teachers, Nashville, Tenn. 100 p ms

3530 Bayliss W Bradford. Investigation and analysis of boys clubs in Brooklyn Central Y M C A. Master's thesis 1930. Teachers college, Columbia university, New York N Y. 28 p ms

3531 Beeley, Arthur L. Boys and girls in Salt Lake City. The results of a survey made for the Rotary club and the Business and professional women's club of Salt Lake City. Salt Lake City Utah 1929. 220 p. (University of Utah. Publications of the department of sociology and social technology)

A study of recreation and leisure-time activities of boys and girls in Salt Lake City juvenile delinquency part time schools, the nature and extent of gainful employment and problems peculiar to boys and girls.

3532 Cunningham James Francis. The small club for boys, a study in technique. Master's thesis, 1930. Catholic university of America Washington D C. 51 p ms

3533. Dennis, Genevieve Alice. The social nature of children's play. Master's thesis, 1930 University of Chicago, Chicago, Ill.

3534 Feldman, Jacob William. The effects of playgrounds on land values of the "bordering on" and "adjacent to" properties to the playgrounds in Brooklyn, N Y. and Orange, N J Master's thesis, 1929 New York university, New York, N. Y. 153 p

3535 Gang, Blanche R. A study of the educational values in natural dancing Master's thesis, 1930 University of Southern California, Los Angeles

3536 Harsh, Frank Norton. The organization and administration of the lunch hour activities. Master's thesis, 1929 Ohio state university, Columbus 119 p. ms

Study of practices of 125 high schools in Ohio and an experiment conducted by the writer in his own school It was found that schools do not make very extensive plans for a development of worthy use of leisure during the noon period The writer found that the installation of quiet recreational games such as checkers chess, playing cards, rook, etc afforded an opportunity to develop right ideals and habits of conduct toward activities in which the pupils will likely engage during their leisure hours, after leaving school

3537, Hein, L. H. Experiment with behavior frequency tests at the Hastings Lake Camps of the Chicago Y M C A [1930] Y. M. C. A., Chicago, Ill.

A behavior rating scale of 23 behavior patterns was given to 300 boys Points were multiplied by raters' assurance scale, varying from one-eighth to one full point The first tests were made 10 days after the boy entered camp and the last test two days before he left camp Woodworth Mathews emotional data sheets, consisting of 74 questions, were also given

3538. Houchen, Grace. Source material for lenders of indoor social activities. Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 102 p. ms.

Books in the Peabody library on indoor social activities and similar books mentioned in their bibliographies were reviewed and compiled Type programs of activities were made and games classified and described Photographs were used as illustrations It was found that a few books cover the whole field of indoor social activities, within a few books there is abundant material for carrying on a well balanced program, and games of the same name and similar plot are found in one or more of the books

3539 Koch, Helen L. and Granger, Jean The frequency of emotional outbreaks in indoor and outdoor play. Master's thesis, 1929 University of Texas, Austin. 62 p.

Variables analyzed are space, type of toy, type of emotional outbreak, frequency and duration of latter.

3540 LaMaster, Duane Earl. A study of the development of recreational habits of men Master's thesis, 1930 University of Wisconsin, Madison.

3541 Logan, Dorothy E. Play activities for elementary schools with limited supplies Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn. 361 p. ms.

3542 MacArthur, Earle Thomas. Changes following a supervised play program in a consolidated school. Master's thesis, 1929 University of Colorado, Boulder. 64 p. ms.

Account of supervised play program at Selbert, Colo., which resulted in increased physical well being, decrease in failures, increase in attendance, and better morals for school.

3543. Martin, A. J. S and Gould, Phil A. A study of the camping needs in the greater New York City. "B" [1930] Y. M. C. A., 23d Street and Broadway, New York, N. Y.

The purpose of this study was to find out what kinds of camps are available to the boys in New York City, how many are available, what particular groups are being served and whether or not there were needs which were not being met by existing agencies, that the New York City Y M. C. A. could meet by expanding its own camping programs



3544 Martin, A. J S and Shumway, George A. A study of the camping experience of the Y M C A in several cities [1930] National council of the Y M C A's, New York, N Y

A detailed set of questions was sent to a selected list of 25 associations known to be conducting camping work Nineteen of them responded

3545 Moore, Elizabeth S Purposeful activity in the play of young children. Doctor's thesis, 1929 University of Iowa, Iowa City

3546 Mulrooney, Charles B A study of the children's camps of a large eastern diocese Master's thesis, 1930 Catholic university of America, Washington, D C 114 p ms

3547 Ready, Marie M The camp in higher education Washington, D C, United States Government printing office 1930 31 p (U S Office of education Pamphlet, no 1, February 1930)

A study of some of the out-of-door work which is being carried on at this time by a few institutions

3548 ——— The organized recess Washington, D C, United States Government printing office, 1930 15 p (U S Office of education Pamphlet, no 2, March 1930)

Presents detailed information as to the number of organized recesses provided in the various school systems the number of minutes per day devoted to each recess methods of carrying on recesses, suggestions for stimulating an interest in the recess period etc

3549 ——— School playgrounds Washington, D C, United States Government printing office, 1930 40 p (U S Office of education Pamphlet, no 10, June 1930)

"This pamphlet attempts to show what playground provisions are being made for the physical education and recreational activities of school children The information regarding playgrounds has been secured by means of questionnaires sent to State departments of education, a study of State laws, and examination of the rules and regulations of State boards of education, along with other material regarding playgrounds available in the Office of education"

3550 Schoenwetter, Theodore H Is an all year playground surface possible? American school board journal, 80: 54, 130, May 1930

The author describes a method used successfully on seven school playgrounds in Santa Monica The process is known as the Santa Monica cushion surface

3551 Sellers, Minnie A manual for the construction and equipment of school playgrounds Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 130 p ms

The thesis is composed of four chapters namely site, layout, apparatus, equipment and supplies; construction.

3552 Shimp, Everett C The 4 H club as a solution to the problem of rural recreation. Master's thesis, 1930 Ohio university, Athens 40 p ms

The study seeks first to discover the recreational needs of rural young people, the limiting conditions for meeting these needs and the possibilities inherent in the nature and programs of 4 H clubs of meeting these conditions

3553 Sikes, W Claude The supervised play and recreation program Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies, 18: 103-06 December 1930 (Abstract)

The purpose of this study has been to determine the present status and the benefits of supervised play and recreation Questionnaires describing the status, benefits, and needs of supervised play and recreation were received from 104 cities, for the year 1929-1930, representing every section of the United States

3554 Tiner, Hugh Marvin The playground movement in the United States. Master's thesis, 1930 Stanford university, Stanford University, Calif

3555 Ure Roland W (South Bend Ind.) Report on the use of parent information blank and judging camp results blank in camps during the 1929 season [1930]

The purpose of the project was to ascertain changes in behavior brought about by a boys camp as judged by parents. A behavior rating blank including 38 items was sent to 19 parents of boys attending nine different camps. There was a 36 per cent return of the rating blank. Twelve items show marked positive changes while negative changes appeared on two items table etiquette and untidiness in appearance and in care of room.

3556 Vowell Ritchie M. A survey of recreational facilities of the township of Millburn, N. J. Master's thesis 1930. New York university New York. N. Y. 40 p. ms.

A study of commercial and public recreation schools and child play on streets showed that more play space was needed by the schools and a closer cooperation between the recreation department and the board of education.

3557 Warmack Gertrude. Play and recreational activities portrayed in Mark Twain's books. Master's thesis 1930. George Peabody college for teachers Nashville Tenn. 73 p. ms.

A study of the references to play and recreational activities made by Mark Twain in his books. There were 187 references found concerning the play of children and 207 concerning the recreational activities of adults. These references are classified and placed in appropriate groups.

3558 Welland, Francis N. The status of playground facilities in Nebraska schools and a playground program adapted to the McCook schools. Master's thesis 1929. University of Nebraska Lincoln. Educational research record (University of Nebraska) 2. 118-19. 123-26. February 1930.

Presents facts concerning playground activities in Nebraska schools for the school year 1928-1929. Information was received from 134 selected schools.

3559 Williams Hesper O. A study of the play materials in the homes of a group of children. Master's thesis 1929. University of Iowa Iowa City. 72 p. ms.

3560 Witherspoon Edna. A study of leisure time of high school girls. Master's thesis 1930. Indiana university Bloomington. 154 p. ms.

3561 Womack, Mamie L. The relation of play to juvenile delinquency. Master's thesis, 1930. George Peabody college for teachers Nashville Tenn. 103 p. ms.

Findings: Wherever playgrounds are established and the right kind of play is carried on there is a decrease in delinquency.

See also 1049 1816 1819 3352, 3467 3737 3740

## SOCIAL ASPECTS OF EDUCATION

3562 Bean Mary Vernace. The effects of social activity on scholarship. Master's thesis 1929. Ohio state university Columbus.

A study of 200 freshmen women at Ohio state university 1928-1929.

3563 Bellatty Helene Bernice. An investigation of the social and economic background of the high school students of Hancock and Waldo counties Maine. Master's thesis 1930. University of Maine Orono.

3564 Biddle William W. Propaganda and education. Doctor's thesis 1930. Teachers college Columbia university New York. N. Y.

A series of nine lessons was prepared, entitled Manipulating the public to see if it is possible to make students less susceptible to the emotional persuasion so common in modern publicity and propaganda. Six schools cooperated in the experiment. The students were high school seniors or above. Findings: In every school the experimental students improved a greater amount than the control students from the pretest to the posttest, given before and after teaching the series of lessons. The teaching has resulted in making students more critical in response to reading matter.

3563 Bishop, Frank Edward Public school publicity policies and methods. Master's thesis, 1930 Stanford university, Stanford University, Calif

3566 Bowden, A. O The influence of sociology in education for teachers in 1929 Journal of educational sociology, 3: 464-72, April 1930

From a study of the catalogues of the institutions in the United States it was found that certain sociological courses have been on the increase within the last five years, particularly courses in educational sociology, with sociology and social psychology close seconds Judging from the amount of literature which has appeared within the last two or three years the field of sociology is having a large influence on the field of education and particularly on that of teacher training

3567 Brindley, Ollie A study of leadership Master's thesis, 1929, New York university, New York, N Y 65 p ms.

A social worker in Greenwich village was unable to obtain capable leaders of the area to serve on her committees As a result of her situation this project was attempted Members of the Lower west side council were interviewed to find out about their work, the needs of the village and the ways in which these needs were being met Personal facts concerning these leaders were also asked From these people the names of other leaders were secured An attempt was made to reach the leaders in the different groups in the area and about 100 personal interviews were made

3568 Bunce, Helen J An experiment in parental education in an elementary school Master's thesis 1930 Teachers college, Columbia university, New York, N Y 23 p ms

3569 Campbell, Marian Wendelm The effect of the broken home upon the child in school Master's thesis, 1930 Claremont college, Claremont, Calif.

3570 Cave, Ruth Lolita A study of the status of sex education in the high school as revealed in courses of study and biology textbooks Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies, 18: 51-52, December 1930 (Abstract)

A study of the present status of sex education in the high school in an effort to locate all sources which indicate that something definite is being done in this phase of education A survey was made of published accounts of experiments which have been carried on, and a special investigation was made of 70 representative courses of study Data indicate that some form of sex education is being given in at least one third of the high schools of the United States

3571 Chamberlain, R S Organization of community forces to meet social needs Master's thesis, 1930 New York university, New York, N Y.

3572 Chapman, Harold B and Willis, Charles F. Migrant school child inquiry 1930 Public schools, Baltimore, Md

A study of 1121 families resident in certain districts of Baltimore whose children attended the public schools The study seeks to answer the question "Is the family which migrates annually to engage in farm labor typical of its urban community or is it more or less favored economically and socially?"

3573 Charters, Jessie Allen and others The formulation of aims, objectives, and procedures for use in parental education State department of education, Columbus, Ohio, 1929

3574 Coverdale, Reuben Allen The organization and administration of public school publicity. Master's thesis, 1930 University of Southern California, Los Angeles, Calif

3575 Culbert, Jane F. The visiting teacher at work New York city, The Commonwealth fund, 1929 235 p

3576 Ditmars, Thomas Social composition of the Kansas City, Mo., public high schools. Master's thesis, 1929 University of Kansas, Lawrence Review by W R Smith in University of Kansas bulletin of education, 2 15-20, December 1929

A study of 2824 white students and 859 negro students It was found that high school students whose fathers are engaged in the so-called higher callings are more able mentally to profit by their high school training than their classmates from the other occupational groups

3577 Farley, Belmont. What newspapers publish about education Nation's schools, 5 32-34, April 1930

A study was made of the reactions to school news of 5 076 school patrons and teachers in 13 cities. The items of most interest to readers of educational news are pupil progress and achievement, methods of instruction courses of study and health of pupils. The newspapers fail to consider the interests of those to whom the publicity is chiefly directed

3578 Golden, Emma Bauer The present status of the parent teacher association in North Dakota Master's thesis 1930 University of Minnesota Minneapolis.

3579 Gorselline, Donald E The effect of schooling upon income Doctor's thesis, 1929 Indiana university, Bloomington 416 p ms

3580 Greene, Charles E The growth of the visiting teacher in Denver [1930] Public schools, Denver, Colo 4 p ms

A review of the establishment and growth of the visiting teacher work in Denver The chief problem is to effectively integrate the work of the visiting teacher with the various social service and instructional agencies both in the schools and the community

3581 Grinnell, J E School publicity from the editor's viewpoint American school board journal, 79 47-48 133 October 1929

A questionnaire study was made of school publicity from the viewpoint of 101 editors of weeklies and 15 editors of daily papers in Minnesota

3582 Haag, Howard Lee A study of racial attitudes of high school and university students. Master's thesis, 1930 University of Michigan, Ann Arbor 63 p ms.

Bogardus Social distance scale was given to 179 pupils in high school Watson's tests on 'Opinions on Race Relations' were given to 23 seniors in high school and 75 university students Findings Children in lower grade showed less definite race attitudes than older children. High school pupils show more acceptable attitudes toward Indians than toward negroes Watson's tests showed that older students were more inclined to express extreme types of attitude sex was no definite factor in attitudes reflected University students have a more liberal attitude, but that body is apt to contain the most extreme attitudes

3583 Habbe, Stephen A brief course of sex education for adolescent groups. Master's thesis 1930 Teachers college Columbia university, New York N Y 25 p ms

3584 Hattendorf, Katharine W. The effectiveness of a home program for mothers in sex education Doctor's thesis, 1930 University of Iowa, Iowa City 422 p ms

3585 ——— Young children's questions concerning sex a phase of an experimental approach to parent education Master's thesis 1929 University of Iowa, Iowa City 77 p ms

3586 Horn, Allen Pinkerton The social backgrounds of school children 12 to 14 years of age as a basis of school procedure Doctor's thesis, 1929 New York university, New York, N Y

3587 Howard Lottie Mae. Activities of parent teacher associations in Oklahoma Master's thesis 1930 Northwestern university, Evanston, Ill

3588 Lewerenz, Alfred S School accomplishment in relation to movie attendance Los Angeles educational research bulletin, 10 5-12, April 1930

Analysis of academic achievement and mental level of 581 elementary school pupils in the fourth fifth and sixth grades in relation to frequency of attendance at motion picture theaters. Study was based on frequency of attendance, percentage of boys and girls in the audience average chronological grade placement etc. and personal interviews Children who go to movies frequently are good readers and have good vocabulary but fall down in arithmetic, duller pupils attend movies more frequently than bright pupils, movie fans seem to be active readers of sensational type of books and magazines, they prefer exciting pictures and are apt to go to bed later and sleep less than non movie going children.

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3589 Lombard, Ellen C Parent education, 1926-1928 Washington, United States Government printing office, 1929 27 p (U. S. Bureau of education Bulletin, 1929, no 15)

Advance sheets from the Biennial survey of education in the United States, 1926-1928

3590 McCormick, Mary Josephine The measurement of home conditions. Washington, D C, National Catholic school of social service, 1929 23 p (Social service monographs, vol 1, no 1 September 1, 1929)

A review of the various techniques which have been proposed for the quantitative study of home conditions Findings 'As yet most of these scales have been used primarily for research purposes but it seems logical to predict that they will be simplified and modified to meet the needs of the social worker as a method of case work investigation'

3591 Mitten, Joe A A survey of the work of local parent teacher associations during the school year 1928-1929 Master's thesis, 1930 Ohio state university, Columbus 102 p ms

Findings Superintendents and presidents of associations practically agree as to the best activities of the parent teacher associations Superintendents generally favor such organizations

3592 Morris, Elizabeth H Measuring leadership Personnel journal, 9 124-27 August 1930

Findings Measurement of personal traits especially of leadership should be a composite rating of various factors involved and should indicate their relation to each other quite as much as the absolute rank in each

3593 Olson, Henry The influence of certain local organizations upon the public schools of Adair county, Iowa Master's thesis, 1930 University of Iowa, Iowa City 140 p ms

3594 Philbrick, Joseph W. Parental occupation and school expectancy in high schools of Grand Island, Nebr Master's thesis, 1930 University of Nebraska, Lincoln 112 p ms

Case studies of 337 junior and senior high school students on the basis of parental occupations and school histories, including academic progress selection of subjects etc

3595 Rasey, M. L Social adjustment of children in relation to character problems, Detroit, Mich, Detroit teachers college, 1929 63 p

Gives children's reasons for the selection of certain children as friends, as leaders also Detailed study of those chosen most frequently Detailed study of those liked and those disliked, choices and reasons of 5,000 children

3596 Rhyan, Ivah May. Home problems for boys Master's thesis, 1929 Indiana university, Bloomington 152 p ms

3597 Saucier, W. A. The significance of a social program for high school teaching Doctor's thesis, 1930 Ohio state university, Columbus 215 p ms

The present social situation and recent theories pertaining to the nature of intelligence were studied as a basis for a social program. It was found that the final outcome of education should be the liberation of intelligence and the development of a broad social outlook through a flexible teaching procedure

3598 Schneider, Stephen Joseph The visiting teacher movement is a necessary part of a community's program of attack on crime Master's thesis, 1929 University of Notre Dame, Notre Dame, Ind

3599 Seward, Jana Duncan The relationship between the social maladjustment and the degree of intelligence of a group of elementary school children Master's thesis, 1929 New York university, New York N Y 43 p

3600 Shipp, Fred T Social survey of 665 high school boys Master's thesis, 1930. Stanford university, Stanford University, Calif 100 p ms

This study includes extracurricular activities athletics social recreational, home religious and vocational activities and interests

3601 Shrader, J. C A survey of community activity in public schools of Pittsburgh, Pa Master's thesis, 1930 University of Pittsburgh, Pittsburgh Pa 98 p ms

3602. Sifert, E. R. Surveys of the characteristics of school populations. Educational method, 9 337-42, March, 1930

The author gives a technique for studying the characteristics of students entering a junior or senior high school from a variety of schools with different aims. He takes up the sources of student leadership, sources of student leadership within a single grade and the distribution of student failures in terms of contributing schools and gives the procedures which he followed in using the tables. The same procedure lends itself to many different and important types of study within the school.

3603 Smith, Harry B. A social attitudes test for upper grade children. Doctor's thesis, 1930. Teachers college Columbia university, New York, N. Y.

A set of 46 multiple-choice questions was made for boys and a similar set for girls in developing a pencil-and-paper test that could be used as a group test in schoolrooms to indicate the social attitudes of the pupils. Questions were submitted to 275 boys and 241 girls. Sex differences were revealed in comparison of data from several pairs of similar questions from the two sets. An apparent influencing of children's attitudes by their teacher was found from the data as was the indication that teachers' attitudes were revealed as well. Data indicated a development in social attitudes of children from the fifth to the eighth grade, and a variation between children in grade scores.

3604 Smith, Monroe W. The scout oath and law. Master's thesis 1930. Teachers college Columbia university, New York, N. Y. 20 p. ms.

Historical research into letters and original reports written in the spring of 1911 concerning oath and law. Credit for the American laws goes to certain people without whose assistance the present scout oath and law would not have been possible. To whom should go the credit of the oath and law represents the findings of the paper.

3605 Smith, Stephen F. Private school publicity through advertising. Master's thesis, 1930. Rutgers university, New Brunswick, N. J.

3606 Spikes, L. E. Tying up the work of the school with the community. 1930. Duke university Durham, N. C.

A description of the evaluation of the work of a small city school superintendent in linking the work of the school with the community life, procedures and principles involved.

3607 Statham, Mrs. Jeannette F. The visiting teacher as a personnel worker. Master's thesis, 1930. George Washington university, Washington D. C. 50 p. ms.

3608 Stogdill, Ralph M. A study of parental attitudes. Master's thesis, 1930. Ohio state university, Columbus.

Fifty mental hygienists and 100 parents rate 70 items of child behavior from one to 10 according to how serious or undesirable they consider the act as a form of child behavior. The report considers the violation of authority and moral customs to be the most serious item. The mental hygienists consider as most serious introvert and unsocial acts which tend to make the child emotionally and socially maladjusted.

3609 Strang, Ruth. Relation of social intelligence to certain other factors. School and society, 32 268-72, August 23 1930.

The George Washington social intelligence test was given to 311 graduate students and the results correlated with another measure of social intelligence the Gilliland questionnaire and with certain other factors such as age, salary, term marks, occupation of father, and participation in extracurricular activities and voluntary advisory work. The correlation between the test scores and the scores on the Gilliland questionnaire was  $17 \pm .07$ . A somewhat more significant relationship ( $29 \pm .04$ ) was found between the social intelligence test and term marks but there was only a chance relationship with the other factors studied.

3610 Stratford, Jane. Cross-section of a high school student's life. Master's thesis, 1930. University of Hawaii Honolulu. 135 p. ms.

Complete study of all influences in school and out on all pupils in the Maui (Hawaii) high school. Findings: Variety of races, Chinese have largest families, average home lacks books and magazines, few broken homes, no racial partiality in school elections, senior class superior (selection), more Japanese boys than girls in high schools, greater handicaps in use of English in the case of Japanese than any other group, poor home study conditions in most cases, etc.



3611 Sturges, David Whitton The status of sex education in certain schools and colleges in California Master's thesis, 1930 University of California, Berkeley 81 p ms

This study shows that elementary schools to some extent have accepted sex education as a phase of the larger educative program There is room for improvement both as to numbers offering instruction and to the establishment of a standard program One half of the high schools do not show sex education to be an integral part of courses, junior colleges have taken some recognition of sex education program but full cognizance has not been taken of the subject by college administrators Teacher training institutions report correlation with the biological sciences

3612 Theisen, W W Do children learn through publicity? Nation's schools, 5 41-46 July 1929

"The evidence submitted should convince the most skeptical that publicity is a factor to be reckoned with in teaching even when used in a hit-or-miss fashion as it is to day"

3613 Thomas, Ralph Bell The influence of home environment as affected by the marital status of the parents upon the compulsory part time pupil Master's thesis, 1930 University of Southern California, Los Angeles

3614 Thrasher, Frederic M Research in educational sociology in 1929 Journal of educational sociology, 3 503 508, 556-62, May 1930

Gives lists of research projects developed during 1929 on social traits of school children social backgrounds of the school child social adjustments of the school child, social analysis of educational institutions, etc

3615 Warren, Jule B Interpreting the public schools 1930 North Carolina education association, Raleigh 48 p ms

An invaluable guide to school officials who desire to properly interpret the work of the schools This handbook also contains a bibliography on educational publicity prepared by B M Farley of the National education association

3616 Wessel, Herman M Secondary school population in some of its social and economic relationships Doctor's thesis, 1930 University of Pennsylvania, Philadelphia 154 p ms

A study of the high school population of Cheltenham township Findings Differences of a sociological and psychological nature exist among the students of the secondary school These differences tend to be narrowed as the grades advance, so that the last year of the high school has a more homogeneous group than the first Three selective factors which seem to be operating are the intelligence of the children the occupations of the fathers and the ethnic origins A further operation of this selectivity is evidenced by the enrollment in the curricula, that is on the basis of these factors certain well defined groups can be found in each This selectivity operates also in the statements of the pupils' plans for continued education

See also 4, 454-456, 499, 1045, 1599, 1859, 3833, 4137, 4397, 4401, 4565-4566

## CHILD WELFARE

3617 Davis, Robert A Need for guidance in orphan homes Elementary school journal, 30 51-55 September 1929

One thousand fifty-one children in grades two through eight, in six orphanages in central Texas were given Dearborn group intelligence tests and Hargerty intelligence examinations Children ranged in ages from six to 21 Only five per cent of the children are above normal according to Dearborn test, ten per cent as determined by the Hargerty test Types of activities engaged in by children as part of their daily life were studied Data indicate that there is no definite and purposeful attempt to train the children scientifically in types of occupations they will enter when they leave the institutions As most of the children are in elementary school vocational courses and vocational guidance should be given in elementary grades as well as in high school Children could be trained in types of occupations which are commensurate with their intelligence, interests and vocational aptitudes In the institutions studied there is need for a more up-to-date record system including social and case records physical and medical histories of the children and the results of mental, trade and other tests

3618 Hoffer, Frank William. *Counties in transition A study of county public and private welfare administration in Virginia* University, Va., Institute for research in the social sciences, 1929 255 p.

Six counties were selected for this study, four with organized public welfare units and two without them. The study sought to analyze welfare laws and observe at first hand how these operate in concrete situations. Among the subjects investigated were foster homes for children, institutional care of children, juvenile courts, and character building recreational agencies.

3619 Kelly, Moyne L. *School practices in 16 Texas orphanages*. Master's thesis, 1930 Baylor university, Waco, Texas. 87 p ms.

Extent, quality and character of schooling provided by Texas orphanages; how provided, adequacy of plant and relation with other schools were studied.

3620 McAllister, Hilda Paukner. *A study of the nutrition of the children in the Soldier's orphans' home at Davenport, Iowa, and the State juvenile home at Toledo, Iowa, and its relation to health, 1926-1928* Master's thesis, 1929 University of Iowa, Iowa City.

3621 Mautner, Bertram and Abbott, W. Lewis. *Child labor in agriculture and farm life in the Arkansas Valley of Colorado* Colorado Springs, Colo. Colorado college, 1929 158 p (Colorado college publication, General series, no 161, December 1929)

This is part of a state-wide study made in Colorado in the summer and fall of 1924 into conditions of child labor in agriculture. Part 3 deals with child workers and the schools, in respect to attendance, grade standing, etc.

3622 Moody, Mildred C. and Westbrook, Elva M. *A survey of agencies working with and for children*. Chicago International council of religious education, 1929 87 p (Research service bulletin, no 7)

A report of a survey of agencies, national in scope, working for the moral, religious, and civic welfare of children.

See also 3572, 4129

## RURAL EDUCATION

3623 Adams, F. R. *A survey of the common school districts of three counties in the State of Minnesota*. Master's thesis, 1929 University of Minnesota, Minneapolis.

3624 Andrews, John Nelson. *History and present status of the rural cooperative movement in Texas*. Doctor's thesis, 1929 New York university, New York, N. Y.

3625 Atkinson, R. C. *The problem of rural and village school district organization in Ohio* 1930 Ohio Institute, Columbus 45 p ms.

Analysis of effect of small school district organization on cost of conducting rural education and on taxing power behind the schools. Small districts interfere with efficient school organization, prevent establishment of school units of efficient size and greatly exaggerate inequalities in taxable wealth.

3626 Baldrige, Chloe C. *Requirements for standardization of rural schools*. Lincoln, Nebraska: department of public instruction, 1929 76 p (Supplementary normal training bulletin, no 2, rev. 1929)

3627 Baldwin, Bird T., Fillmore, Eva A. and Hadley, Lora. *Farm children; an investigation of farm children in selected areas of Iowa* New York, London, D Appleton and company, 1930 337 p

A study of Iowa child welfare research station investigators of two rural Iowa communities during a four-year period. The social, physical, and mental makeup of the children as well as the historical setting is portrayed. Various factors in the environment that influence the rural child's life such as religious, educational, political, economic, and family attitudes are presented. Music and speech tests were used to discover the capacity of rural children. The methodology of the study is also given.

3628. Berg, A. C. A program of studies for the one-room school. Masters thesis 1929 University of North Dakota Grand Forks

3629 Best H. R. A study of publicity employed to increase rural pupil attendance in high schools. Educational research record (University of Nebraska), 2 21 23 26-31 October 1929

The purpose of this study is to present types of publicity now employed to increase the attendance of rural pupils in high schools. The study is limited to schools whose enrollment in high school is not over 300. Data indicate that a continuous publicity campaign rather than a sporadic type of publicity is needed.

3630 Cook Katherine M. Rural education in 1926-1928. Washington United States Government printing office 1929 44 p (U S Bureau of education Bulletin 1929 no 18)

Advance sheets from the Biennial survey of education in the United States 1926-1928

3631 Dewey, Delmer R. Distribution of time per subject per grade in one and two room rural schools. 1930 Oregon normal school Monmouth

A study of 80 one room schools 23 two room schools. Contains comparison with Ayres study of distribution of time in city schools and Armentrout's study of distribution of time in normal and teachers college training schools.

3632. Donaldson Grant H. A study of the community interest of Portage county with a view toward large high school centers. Masters thesis, 1930 Ohio state university Columbus 60 p ms

A study was made of the community interests of the county. These centers were taken as the natural high school centers.

3633 Dunn Ione Henderson. Some contributions of private schools to the education of the mountaineers in Buncombe and Madison counties. 1930 Duke university, Durham N C 90 p ms

A consideration of the contributions made by private schools in Buncombe and Madison counties N C showing private schools as pioneers in education preparing the way for the development of public students and showing particularly the contributions made by the private schools of teacher training in the mountain counties.

3634. Emerson D W and Hackworth Lector. Handbook for rural teachers of Northeastern district 1929-1930. 1930 Northeastern state teachers college Tahlequah Okla 46 p

One hundred and eighty nine schools located in 10 different counties in Northeastern Oklahoma were studied. Findings. Every grade was below standard in reading both silent and oral reading. The last testing indicated a great deal of progress made by each grade the third grade having gone above standard in both silent and oral reading.

3635 Gaumnitz, Walter H. The smallness of America's rural high schools. Washington United States Government printing office 1930 78 p (U S Office of education Bulletin, 1930 no 13)

This study was limited for the most part to the schools which were located in the open country or in villages and towns of fewer than 2500 population.

3636 Hatcher, O Latham. A mountain school. A study made by the Southern women's educational alliance and Konnarock training school Richmond Va. Garrett and Massie Inc, 1930 248 p

Concerns itself with the school the homes from which the children came to the school their parents and the children themselves particularly with the girls.

3637 Hausrath A. H. A study of the reliability and validity of the community farm survey. Masters thesis, 1930 Iowa state college Ames

3638 Hushour, Wilbur C. Redistricting the school districts of Wayne county, Ohio. Masters thesis 1930 Ohio state university Columbus. 197 p ms

A study of the educational and financial inequalities in school districts and the reorganization of schools on a county basis under one board of education. Conclusions. School districts should be organized into fewer but larger school districts seven consolidated districts are recommended.

3639 Kellam, William Porter Development of public education in Guilford county Master's thesis 1930 Duke university, Durham N C

An effort to describe the organization of public education in Guilford county and trace its development and educational growth

3640 Kennon, Charles N A study of the schools of Kent county, Texas, with recommendation for reorganization and improvement Master's thesis 1930 University of Colorado, Boulder University of Colorado studies 18 83-84 December 1930 (Abstract)

A survey was made of the schools of Kent county and the records and reports of the Girard and Jayton schools were studied The author recommends various changes which would give the children better educational advantages in the county schools

3641 Knight, Edgar W Ninety years of rural education in the South. 1930 University of North Carolina Chapel Hill Southern planter, January 1, 1930

Shows progress and present problems of education in the rural South

3642 Lawrence, C G Education in Elbert county, Ga. Master's thesis, 1930 University of North Carolina Chapel Hill

3643 Lewis, Charles D Rural intelligence in relation to rural population Doctor's thesis 1929 George Peabody college for teachers Nashville, Tenn Nashville Tenn, George Peabody college for teachers, 1929 88 p (Contributions to education, no 74)

Data were secured from 1341 high school students from 27 schools located in nine counties of three states All of these schools were in Tennessee except two one of which was in Virginia and the other in Kentucky In the light of the evidence brought out by this investigation it seems that the rural communities dealt with tend to perpetuate themselves from their lower intelligence levels and thereby give a downward trend to the average native ability of the succeeding generation This tendency was not large but was found in the evidence gathered There are still many of superior intelligence born on the farms and a fair proportion of these seem inclined to remain there

3644 Lineback, Clifford The need for reorganization of rural secondary schools of Howard county, Ind Master's thesis 1920 Indiana university, Bloomington 185 p ms

3645 Lott, Stanton Norris The development of education in Edgefield county, S C Master's thesis, 1930 University of South Carolina, Columbia

3646 Lotz, J Wesley A partial index of relative educational advantage of the 10 rural high schools in Hardin county, Ohio Master's thesis, 1920 Ohio state university, Columbus 88 p ms

The general purpose of the study was to discover the relationship between size and efficiency of 10 rural high schools in Hardin county Ohio Findings As the size increases according to the study efficiency increases There is a positive imperfect correlation between each of the following factors and efficiency Curriculum offerings, teacher specialization, graduate-freshman ratio pupil-teacher ratio There is a negative imperfect relationship between the following and efficiency of the school length of school term teacher training, and cost of instruction

3647 Meyer, Fred W. A study of the educational achievement of pupils in the rural and graded schools of Smith county, Kansas Master's thesis, 1920 University of Kansas, Lawrence

3648 Patton, D H. A proposed reorganization of the Highland county Ohio school system Master's thesis 1930 University of Cincinnati Cincinnati Ohio

3649 Philippine Islands Bureau of education Comparative achievement of the rural schools in grades three and four Manila P I, Bureau of education, 1930

Forty seven divisions were covered in the survey third and fourth grades (rural or barrio) and seventh grade, first second third and fourth years (vocational) Only third

and fourth grade achievements are compared Findings The relative ranks of these divisions and the schools in terms of month below or above the normal achievement were secured

3650 Pihlblad, Helge Ernst. A comparative study in high school achievement of children from rural and graded schools Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies, 18 97 98 December 1930 (Abstract)

Data obtained from nine high schools located in nine different counties in the state of Kansas indicate that the graded school prepares its pupils for high school work better than does the one room school

3651 Rabold, R. U and Peters, C C How country pupils differ from town pupils Journal of educational sociology 3 293-304 January 1930

A study of 138 high school freshmen at Hollidaysburg Pa Tests questionnaires and score cards were used All differences are given in means and standard deviation of means Town pupils are superior to country pupils in 33 of the 39 measured ways

3652 Rentz, Eddie Wilson The development of education in Bamberg county, S C., 1735-1925 Master's thesis, 1930 University of South Carolina, Columbia

3653 Reynolds, Joseph B A study of the South Carolina county superintendents of education Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 97 p ms.

Conclusions The county board method is the better way of selection, minimum educational training should be bachelor's degree including 18 semester hours of education in school administration and supervision, and three years of educational experience

3654 Rooker, Bessie Alice Development of public education in Warren county, N C Master's thesis, 1930 Duke university, Durham, N C

Traces the natural evolution of education on the basis of English colonial traditions the important function of private schools in preparing the way for a public school system and the tolerant attitude of an aristocratic tradition toward the development of negro schools.

3655 Shales, J M. A study of mind set in rural and city school children. Journal of educational psychology, 21 246-58, April 1930

A group of 20 questions were submitted to 464 children attending a typical school in the city of Buffalo, and to the same number of unselected rural children The children were all elementary school pupils from the fourth to the eighth grade inclusive. Data indicate that rural children have a pronounced rural set of mind and that city children have a decided, characteristic urban type of mind-set

3656 Templeton, Merrill Hart. A study of the curriculum and of pupil progress in seventh and eighth grades in rural schools and in cities of the third class in Kansas Master's thesis, 1929 University of Kansas Lawrence

3657 Terrell, Marvin Tee Some inequalities in the white schools of Saline county, Ark Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn Nashville, Tenn, George Peabody college for teachers, 1930 100 p

Findings Inequalities existing are due to organization and administration

3658 Thomas, D H. Redistricting Delaware county school districts. Master's thesis 1929 Ohio state university, Columbus

A survey of Delaware county, Ohio school districts was made by means of a questionnaire and personal visits to schools Findings Several schools are having considerable difficulty in financing their schools due to the multiplicity of school districts Larger units are recommended

3659 Twining, Paul Ernest. A comparative study of academic efficiency of pupils in certain urban and one-teacher rural schools of Bourbon county, Kans. Master's thesis, 1929 University of Kansas, Lawrence Reviewed by R O Russell in University of Kansas bulletin of education 2 18-20, October 1929

Conclusions When the groups were equated for chronological age, intelligence and grade in school the results in the fourth grade favored urban students, the results in the eighth grade, however, favored rural students The differences were not great.

3600 Weber, Daniel Harry The status and evaluation of devices recommended by county superintendents for the improvement of rural instruction Masters thesis, 1929 University of Nebraska, Lincoln 81 p ms

Evaluation of 90 devices used in Nebraska by county superintendents, normal training teachers and rural teachers

3661 Whitehurst, Theodosia. Vocabulary study of rural children of Mississippi beginning in school Master's thesis 1929 George Peabody college for teachers, Nashville, Tenn 118 p ms

3662 Whittaker, Milo L Rural community organization A comparative study of two rural communities in northern Illinois DeKalb, Ill., Northern Illinois state teachers college, 1929 33 p

Two rural communities were compared to discover the value of community organization Findings The community that maintains an organized life is more efficient than one that does not

3663 Williams, Barnett Osborne The farm youth of South Carolina. Master's thesis, 1929 University of Virginia, Charlottesville.

3664 Williams, J. D The standardization and classification of one-teacher rural schools Masters thesis, 1930 University of Kentucky, Lexington, 80 p ms

See also 5-6 8 13 20, 22, 24, 26 30, 40 42, 48-49, 57, 604, 691, 728, 783, 792, 834, 856, 886 938, 1008, 1025, 1301, 1349, 1840, 1903, 1016, 1053, 1900, 1967, 1986, 2086 2220, 2415 2588 2657, 2735, 2774, 2808, 2910, 2812, 2814, 2818 2821, 2826, 2827, 2833 2839, 2884, 2892 2951, 2971, 2996 3000, 3208, 3209, 3227, 3229, 3361, 3377, 3389, 3456, 3552, 3714, 3762, 4033 4037, 4566, 4576 1009, 4610-4617

#### CONSOLIDATION AND TRANSPORTATION

3665 Barnes, James A School transportation in Grand Forks county, N Dak Master's thesis 1930 University of North Dakota, University

3666 Benich, Nay B Financial problems of rural school consolidation in Johnston county, Okla Master's thesis 1930 Oklahoma agricultural and mechanical college, Stillwater

3667 Blittkofer, F G Super-consolidation of small high schools. Master's thesis, 1929 Ohio state university, Columbus 70 p ms.

3668 Bunt, Richard H A study of special problems of consolidated schools which maintain a four year accredited high school Master's thesis, 1930 University of South Dakota Vermillion 74 p ms

3669 Burnett, Hugh A comparison of consolidated with one-teacher schools in the State of Kansas on the basis of age-grade data Master's thesis, 1930 University of Colorado, Boulder University of Colorado studies 18 50-51, December 1930 (Abstract)

The purpose of this study has been to compare consolidated schools with one teacher rural schools in regard to age-grade data. Data were collected concerning 4158 pupils from 37 consolidated schools and 3500 pupils in one-teacher schools in 15 counties Findings Retardation is slightly greater in the consolidated schools than in the one-teacher schools

3670 Butterworth, Julian E Transportation costs and conditions in New York New York education, 17: 629-31, March 1930

Gives data from the 180 districts of New York reporting on transportation to the State department of education showing "longest distance transported", cost per pupil (year day, mile), types of vehicles, liability insurance carried, etc

3671 Callon, Albert McGee A score card and typical standards for school bus bodies Master's thesis, 1930 University of Cincinnati Cincinnati Ohio 92 p ms

Data for the compilation of standards were secured by questionnaires from 17 large companies engaged in manufacturing school bus bodies Score sheets were made on the

14 points of bus construction and sent to 25 large companies engaged in manufacturing bus bodies, 100 superintendents of schools where buses are used, and 200 teachers of vocational agriculture for scoring. A score card was made from a compilation of the scores sent in by these groups. Directives were given for the construction of the frame.

3672 Connell, Wilbur Bliss. The consolidation of rural schools in Jackson county. Master's thesis, 1929. University of Texas, Austin.

3673 Covert, Timon. An annotated bibliography of studies on consolidation and transportation 1923-1929. Washington, D. C., United States Office of Education, 1930. 21 p. ms. (Circular no. 9).

The studies included are limited, with a few exceptions to those made during the six year period 1923-1929.

3674 ———. Consolidation of schools and transportation of pupils, 1927-1928. Washington, D. C., United States Office of Education, 1930. 2 p. ms. (Circular no. 3).

3675 ———. Rural school consolidation. A decade of school consolidation with detailed information from 105 consolidated schools. Washington, D. C., United States Government printing office, 1930. 34 p. (U. S. Office of Education Pamphlet, no. 6, June 1930).

3676. ———. Time allotments in selected consolidated schools compared with time allotted in 49 cities and in selected schools of Utah. Washington, D. C., United States Government printing office, 1930. 10 p. (U. S. Office of Education Rural school leaflet, no. 46).

Eighty consolidated schools are included in this study of which 50 per cent or more put the greatest amount of emphasis in the lower grades on language, reading, arithmetic, supervised play and recess and the least amount on spelling, penmanship, physical training, drawing and music. The majority of schools allot considerable time in the upper elementary grades to language, reading, arithmetic, history, geography and hygiene.

3677 Crawford, Clyde E. Some economic and educational factors involved in consolidation of schools in Hawaii. Master's thesis, 1930. University of Hawaii, Honolulu. 65 p. ms.

A study of costs and educational factors such as size of school in relation to consolidation. All factors point to the need for consolidation of many small schools in Hawaii.

3678 Davies, C. T. A study of the methods of transporting school children in certain consolidated school districts of Florida. Master's thesis, 1930. Duke University, Durham, N. C.

Aims to discover the various methods of providing transportation for school children in Florida, makes an intensive study of methods, costs and conditions of transportation in four counties and recommends that method most desirable for Florida.

3679 Duncan, Neal. [Studies in pupil transportation] American school board journal, 79: 65-66, 147, July 1929, 43-44, 114, September 1929, 46-47, 146, November 1929.

The first article deals with the legal rights of school boards to use funds for pupil transportation, the second with the state laws relative to contracts for the transportation of pupils, and the third with state laws relative to methods of transporting pupils to school.

3680 Green, George. Consolidated high schools in Ohio. Master's thesis, 1930. University of Chicago, Chicago, Ill. 109 p. ms.

General statistical treatment of finances, facilities, curriculum and teaching personnel. Conclusions: Many consolidated districts are too small for efficient or economic operation.

3681 Heskett, H. A. Consolidated schools of Ohio. Master's thesis, 1930. University of Akron, Akron, Ohio. 50 p. ms.

History of consolidated schools from 1892-1930 with comparison and forecast of the future. Findings: The one room school is doomed to extinction.

3682 Hutchison, C S Pupil transportation in Logan county Ohio Master's thesis 1930 Ohio state university Columbus. 62 p ms

Findings Transportation in county is high and poorly administered

3683 Kellmer Earl B The transportation factor in the centralization of the high schools of Lorain county Master's thesis 1929 Ohio state university, Columbus. 75 p ms

A study of present transportation conditions with a suggestion for wider scale transportation and estimation of cost. Findings Transportation as proposed would be feasible from the standpoints of safety distance time and cost

3684 Lindsey, Morton Coll A study of bus transportation in consolidated schools with specific recommendations for the established consolidated school at Monsey, N Y Master's thesis 1929 New York university New York N Y 133 p ms

3685 Marshall, Delmer Bradford. Unionization of elementary school districts of California compared with certain educational and financial factors. Master's thesis 1930 University of California Berkeley 51 p ms

Investigates the question Is existing legislation permitting unionization of elementary districts of California of such character as to encourage unionization and what are the measurable results of unionization of elementary school districts of California? Findings Legislation regarding unionization is permissive rather than compulsory there is no reward from the State as inducement to unionize

3686 Norman, Reuben Bruce A proposed plan for the consolidation of the schools of Willbarger county Texas. Master's thesis 1929 University of Texas Austin

3687 Payne James O A statistical study of pupil transportation cost in the public schools of Oklahoma Master's thesis 1930 Oklahoma agricultural and mechanical college Stillwater

3688 Pederson P E. Determining certain activities of the Burnside consolidated school Master's thesis, 1930 University of Minnesota Minneapolis

3689 Pettus B P The consolidation of rural schools of Virginia with special reference to Albemarle county Master's thesis 1929 University of Virginia Charlottesville

The study gives an appraisal of the situation in Albemarle county and points out the necessity for consolidation of rural schools in the county

3690 Raines George Merton. Consolidation of high schools in Norfolk county Master's thesis 1929 University of Virginia Charlottesville

An evaluation of the situation as found in Norfolk county Virginia with recommendations for a program of consolidation

3691 Rees Donovan William. Administrative organization of consolidated schools in Western Kansas Master's thesis 1930 Colorado agricultural college Fort Collins

3692 Rice R. S. A comparison of consolidated and one-room rural schools Master's thesis 1930 Pennsylvania state college State College

A study of 700 pupils in Crawford county Pa. On the whole consolidated schools proved superior but the findings are not conclusive because not very consistent and based on too meager measurement

3693 Shogog G W Consolidated school project in central Guernsey county Master's thesis 1930 Ohio state university Columbus 137 p ms

Some aspects of consolidation of three townships in Guernsey county Ohio Findings Consolidation would decrease the educational inequalities and lessen the cost of education

3694 Smale John Gerard Jr A school unionization program for Madera county Calif Master's thesis, 1930 University of California Berkeley 167 p ms University high school journal 10 264 December 1930 (Digest)

A study of possibilities of consolidation in Madera county Calif based upon a consideration of the factors of climate roads total and school population classification and



progress of school children school buildings and sites analysis of financial conditions  
Unionization program for Madera county is described

3095 Taylor L C Per p pil cost of instruction in 50 consolidated and 50  
nonconsolidated schools of Iowa Master's thesis 1929 Iowa state college  
Ames 47 p ms

3096 Thrush Torrance Harold Centralization of schools about Frederick  
town Ohio Master's thesis 1929 Ohio state university Columbus 70 p ms  
A study of finance transportation community interests and education inequalities  
Findings Four townships should be centralized at Fredericktown and could be operated  
cheaper than present schools

3097 Tonkinson Glenn E A measure of transportation costs in consolidated  
schools Master's thesis 1930 University of Oklahoma Norman 112 p ms

3098 Warren Russell E The comparative cost of the different methods of  
motor transportation of school children in Indiana Master's thesis 1930  
Indiana university Bloomington 35 p ms

3099 Wilson W K and Ashbaugh E J Achievement in rural and con  
solidated schools Educational research bulletin (Ohio state university) 8  
858-63 November 6 1929

A comparison of the reading and arithmetic ability of pupils in consolidated and in  
one room rural schools Intelligence scores reading and arithmetic scores were obtained  
from all pupils in grades three to eight inclusive in four consolidated and 50 one-room  
rural schools in nine counties of Ohio The results seem to be in favor of consolidated  
schools

3 00 Young Arthur Lincoln A plan for the consolidation of public elemen  
tary schools Master's thesis 1930 Yale university New Haven Conn  
See also 140 2582 3365 3542

### COUNTY UNIT

3701 Covert Timon An annotated bibliography of studies pertaining to the  
county unit of school administration Washington D C, United States Office  
of education 1930 16 p ms (Circular no 12)

This bibliography includes more than 100 published studies pertaining to the county  
unit of school administration

3 02 Hinderks Marvin E The county unit school system as it would apply  
to Boone county Iowa Master's thesis 1930 University of Iowa Iowa City  
91 p ms

3703 Huff Raymond Development and operation of the county unit system  
in New Mexico Master's thesis 1930 University of Colorado Boulder  
University of Colorado studies 18 76-77 December 1930 (Abstract)

The evolution of the county unit system of school administration in New Mexico since  
1912, and a comparison of school conditions under the district unit system and the county  
unit system Data are based on the laws of New Mexico from 1912 to 1929 reports of  
state officials and the state educational association and county school maintenance budgets  
of the 31 counties The study shows the improved effectiveness of the schools under the  
county unit in a number of respects and also shows certain weaknesses in the system

3 04 Leech Carl G The county unit in school administration Its present  
status in the United States American school board journal 81 37-39 112 114  
August 1930

This article outlines certain fundamental considerations concerning county unit organi  
zation and administration as viewed by schoolmen and describes strong features and  
defects in such systems as they exist today

3705 McClellan Edward E Possible economies in a county administration  
of schools Master's thesis 1930 Ohio state university Columbus 111 p ms  
Administration of 22 local districts of Montgomery county Ohio showing economies  
under a single county administration

3706. Patton, David Hnhert. A proposed reorganization of the Highland county, Ohio school system Master's thesis 1930 University of Cincinnati Cincinnati Ohio 124 p ms

The author proposed to answer the needs in the organization of the typical Ohio counties by studying economy and efficiency of the larger unit administration and supervision, teacher training and classroom situations curriculum and its enrichment. All data affecting the situation in Highland county were collected and classified with a view to determining a more efficient scheme of organization for the system of schools of the county. It was found that the larger administrative unit for the county is desirable and practical the plan provided is more efficient for supervision and teaching an enriched curriculum and broadened opportunity for all school youth is made possible. It is more efficient and economical. Before the plan can be executed it will be necessary to educate the public. Every county should be analyzed and a definite and progressive procedure worked out.

3707 Stiffer, Dale. The status of the county superintendent in the State of Kentucky from the standpoint of the county unit. Masters thesis 1929 Indiana state teachers college, Terre Haute 73 p ms

A study of sex salary academic and professional training educational experience state and local requirements and duties of the county superintendent and a discussion of the desirability and undesirability of the county unit method of administration. Data on the professional training of county superintendents indicate that subjects taken before appointment did not prepare for position but that subjects taken after appointment did prepare for the position. County superintendents are apparently in favor of the county unit method of supervision.

3708 Taylor, James Custer. A study of the Tennessee county boards of education. Master's thesis 1929 George Peabody college for teachers Nashville Tenn 61 p ms

3709 Vincent, W D. County unit 1930 State board of education Boise, Idaho

See also 3638-3640 3642 3644-3647 3652-3654 3657-3658.

## MORAL EDUCATION

3710 Bartlett, L W, Hernlund, V F, and Brighthouse, G. Measurement of traits of students at the Y M C A college, Chicago. Y M C A college Chicago, Ill. 1929-1930

The purpose of this study was to obtain the present status of students as regards their response to certain trait measurements and to consider the trait responses as indicators of probable fitness for the Y M C A secretarship.

3711 Bernadt, Alfred. Character education in the public schools. Master's thesis, 1930 University of Rochester Rochester N Y 140 p

Summarizes and evaluates 24 plans of character education now in use in the public schools.

3712 Bratt, Wesley Reuben. A study of the moral judgments of high school students. Master's thesis 1930 University of Chicago Chicago Ill

The moral judgments scores of high school students were studied in relation to chronological age intelligence scores sex reading habits occupation of parent attendance at church school and at movies. A group of industrial school boys also were studied.

3713. Brinker, Olivia. An experiment to determine whether ideals can be taught by direct method in junior high school grades. Master's thesis 1929 University of Denver Denver Colo 92 p ms

An experiment with 670 junior high schools in a residential section of the city. Findings: Improvement will result in remedying conditions if each phase of the undesirable conditions is discussed with the pupils. It is necessary to keep a record of each pupil's reactions other than the discussion because all do not take part and those who do are the ones who need it least. Right concepts do not always result in right conduct. Class discussions increased pupils' judgment. Refinement in concepts results from a study of the situation.

3714 Britton Logan A comparison of rural and city school children in character traits Masters thesis, 1929 University of Colorado, Boulder 58 p ms

Findings City children excelled in traits of final judgment self confidence, motor inhibition and interest in detail City boys surpass city girls in self confidence flexibility motor inhibition City girls exceed city boys in noncompliance persistence interest in detail finality of judgment speed of movement Rural girls excel rural boys in finality of judgment speed of movement, flexibility, freedom from lead coordination of impulses interest in detail Conclusions Girls score higher than boys in volitional traits because their maturing period of adolescence starts earlier

3715 Buchanan, J D A study of the character shaping influences on the Monmouth campus 1930 Monmouth college, Monmouth, Ill 74 p ms.

A study of curriculum religious provisions and agencies the housing situation (fraternities and other) college activities economic factors the faculty and other factors Information was obtained concerning the opinion of the students as to the cooperative influence of curriculum extracurricular activities etc upon character and life

3716 Campbell William Giles and Koch, Helen Lois Student honesty in a university with an honor system School and society, 31 232-40 February 15, 1930

An extensive study of student honesty was conducted during the year 1927-1928 at one of the large state universities where an honor system had prevailed for many years. It was found that dishonest conduct occurred frequently cheating on examinations increased with the scholastic advancement of the students, relatively more students trained under an honor system in high school cheated on their education course examinations in college than students who had been more closely supervised in their secondary school days while students recognized that cheating was done they still desired that the honor system be continued

3717 Character education institution, Washington, D C Character education in elementary schools Washington, D C, National capital press 1930 Character education plan for elementary schools Five essential factors for success are included

3718 Cinnamon, Elsie The effects of emotional conditioning upon the development of ideals in the adolescent years Master's thesis 1930 Rutgers university, New Brunswick N J

3719 Clark Edward L (Portland Oregon) Study of fair mindedness in the Oregon institute of technology [1930]

The Watson test "A survey of public opinion on some religious and economic issues" was given to 60 students of the Oregon institute of technology 20 of them being juniors and seniors in the College of engineering 20 juniors and seniors in the College preparatory school and 20 students of radio-telegraphy The following tentative conclusions were made as a result of the test First students tend to become less prejudiced as they become more advanced in their education (this seems to be confirmed by the norms established by Dr Watson), second there tends to be less variation and prejudice as students work together in the same classrooms and toward the same general objective and third night school students in a narrow trade course seem to tend more toward prejudice than other groups of the same age and general education

3720 Council of church boards of education. The testimony of college officials Christian education 13 225-30, January 1930

Information was sought concerning those forces on the college campus of most potent influence in the development of Christian character Data were secured from nearly two thirds of the colleges affiliated with the denominations holding membership in the Council of church boards of education. The composite picture of these colleges is one operated upon a Christian philosophy with a machinery set up of its curriculum religious services and activities to create an environment conducive to the development of Christian character

3721 Cutright, Prudence, and Shoemaker, Ward The incidence of certain elements in character education 1929 Public schools Minneapolis, Minn

Relation of deceit as objectively indicated by reaction of certain typical circumstances, to such factors as (1) knowledge of right and wrong (2) home background

(culture prosperity etc). (3) intelligence. (4) teachers mark on character traits and (5) chronological age, together with items of local interest (schools etc) Between 500 and 800 fifth and sixth grade children were involved.

3722 Danforth, Laurence The measurement of personality, including a description and evaluation of certain tests of personality and character Masters thesis 1930 Boston university, Boston Mass ms

3723 Dimock, Hedley S An appraisal of behavior changes in boys at Camp Ahmek Y M C A. college, Chicago, Ill [1930]

The purpose of the study was to ascertain the kind and extent of behavior changes which take place in boys during two months of camping experience

3724 Drake Charles A A study of cheating in certain examinations 1930 Adelphi college Brooklyn N Y 3 p ms

3725 Dudycha, George J The moral and popular beliefs of college freshmen. School and society, 32 69-72 July 12 1930

The purpose of this inquiry is to delve into the problem of moral and popular beliefs of college freshmen and to ascertain the extent to which freshmen believe or disbelieve certain moral propositions and popular notions Data were secured from all freshmen who matriculated at Ripon college in the fall of 1929

3726 Geyer, Denton L Selected books on character education. Chicago normal college Chicago, Ill Chicago schools journal 12 293-97, March 1930

The bibliography is grouped under the following headings objectives, psychological aspects teaching plans character education abroad miscellaneous

3727 Glasscock, Laird Varner Some character training projects in American public schools Masters thesis, 1930 Boston university Boston Mass ms

3728 Hanna Dr Joseph V, and Martin, A J S The development of a rating scale of personality traits of boys Y M C A West side branch New York N Y [1930]

Parents teachers camp counselors and others closely connected with each of the boys to be rated were provided with copies of a rating scale involving the personality traits

3729 Hartshorne, Hugh and May, Mark. Character education inquiry Vols II III. Studies in service and self-control the organization of character New York city, The Macmillan company, 1929-1930 550 p. 503 p

3730 Hausauer, Matilda A study of deception in elementary school children. Masters thesis 1930 University of Buffalo Buffalo N Y 50 p

A review of recent attempts and progress made in the field of character testing and a study of deception in elementary school children under controlled conditions The conclusions drawn show implications pertinent to moral training The children who cheated least had previously practiced honesty in similar situations Cheaters were always those who had the lowest scores. More cheating is associated with retarded pupils and is related to lower intelligence in retarded pupils The study emphasizes the need of quantitative comparative data as a basis to future progress in character education

3731 Henry, Joseph Wray Character rating as a prerequisite for high school graduation Master's thesis 1929 University of Colorado Boulder 23 p ms

A study of the present status based on reports from 330 principals of Illinois accredited schools Findings Fifty-seven use character rating as bases 225 schools make no attempt toward it 98 schools make use of such ratings indirectly 210 principals feel rating should be used 76 feel it should not be used.

3732 Herrick Vergil E The determination of the relationship existing between knowledge of correct behavior and actual conduct Masters thesis 1930 University of Wisconsin Madison

3733. Howell, Mrs Sue Craft. Certain character trait ratings as they relate to higher mental abilities. Master's thesis 1930 North Carolina state college Raleigh.

Findings. Character trait ratings of eighth grade pupils by three teachers were found to be rather consistent. These ratings gave valuable information and served as a basis for guidance and prediction. Mental and activity character traits were more closely related to mental ability than were the social and temperament traits. The two classes of traits yielded a correlation of  $\pm .04$  with each other.

3734 Jackson T A. Errors in self judgment. Journal of applied psychology 13 372-77 August 1929.

Twenty five subjects ranked one another in each of eight character traits. There is a significant positive correlation between intelligence and "ability to judge oneself."

3735 Jones Vernon. Teachers manual. Character education through cases from biography. 1930 Clark university Worcester Mass.

This work is based on much experimentation.

3736 Jones Willard T. Measuring deceit in secondary schools. Master's thesis [1930] Syracuse university Syracuse N Y.

From an experiment conducted with 90 high school students it was found that girls cheat on class examinations more than boys. If a student cheats with one teacher there is a general tendency to cheat with all. There is practically no correlation between intelligence and deceit. Cheating runs by families.

3737 Kaplan Hyman. A survey of the methods, procedures and materials in character education in use in the various public and private institutions throughout the United States with special emphasis upon their relation to play activities. Master's thesis 1930 New York university New York N Y 168 p ms.

A study of the varied types of organizations carrying on character building as one of the primary aims. An analysis, classification and evaluation of the methods, procedures and materials used (with illustrations). A growing tendency away from abstract virtues and toward a greater use of normal life situations for character building was noted. There is an increased use of a more varied program with special emphasis on activities which offer opportunity for creative work and a distinct tendency towards club or group forms of organization in character training.

3738 Kirsch, Rev Felix M. Training in chastity: a problem in Catholic character education. 1930 Catholic university of America Washington D C New York city Benziger brothers 1930 373 p.

Much of the book is devoted to sex instruction when it was first introduced into the schools, experimenting with sex instruction in the schools, criticism of sex instruction, the need for it, what must be told, when, by whom and how.

3739 Leavers C E. A project for the developing of personality traits along with the teaching of technical skills in the New York Institute of accountancy and commerce. 23rd Street Y M C A New York N Y [1930].

Eleven instructors suggested 36 important character traits for development in the school.

3740 Lindeman Carl V. The need of character training in the school shops. 1929 Public schools Paw Paw Mich 17 p ms.

The writer suggests a plan for developing character traits and personal qualities.

3741 McKinney, Mother M. Rose. Instincts habits will as factors in character education of adolescents. Master's thesis 1930 Loyola university New Orleans La. 38 p ms.

3742 Mathews C O. A study of university students attitudes toward academic honesty. 1930 Ohio Wesleyan university Delaware.

A 37 item objective blank was constructed and utilized for obtaining students' opinions concerning conduct in specific situations. The blank is described along with the results of its use on a large number of college students.

3743. May, Mark A and Hartshorne, Hugh. Recent improvements in devices for rating character. *Journal of social psychology*, 1 66-75, February 1930

This is one of a series of publications of the character education inquiry which was conducted at Teachers college, Columbia university, in cooperation with the Institute of social and religious research

3744 Menegat, Paul Anthoay. State and city procednres in character education in public schools. Master's thesis 1930. University of Oregon Eugene 208 p ms

Collection of material for reference or guide to making courses of study in character education for the public schools.

3745 Mertens, Sister Arnoldina. A study of the concept of obedience of children, grades I-IX, inclusive. Doctor's thesis, 1930. Loyola university, Chicago, Ill 298 p

3746 Miller, Wendell LeRoy. Character building emphasizing the control of tendencies resulting in action. Master's thesis 1930. University of Southern California Los Angeles, ms

3747 Nera, Venancio. A program for moral education in the elementary grades. Master's thesis, 1930. Ohio state university, Columbus. 87 p ms.

Formulation of a program for moral education in the elementary grades. Indirect moral instruction is recommended.

3748 Park, Lillie Mai. Character forming elements in selected aspects of American history. Master's thesis, 1930. University of Nebraska Lincoln

Analysis of treatments accorded through characters in 10 selected high school texts for character implications which may be emphasized in the classroom

3749 Pittsburgh principals' club. Committee on character training. Report of the committee on character training. Pittsburgh schools 4 196-222 May-June 1930

Preliminary report containing a selected bibliography

3750 Reilly, John Francis. Development of character traits through play ground activities. Master's thesis 1929. University of Notre Dame Notre Dame, Ind

3751 Rutt, E. J. Enriching character content and social values in the Baltimore college of commerce. Baltimore, Md [1930]

Questionnaires were sent to alumni asking how they have been helped, to the faculty asking their attitude on character content and social values and to both for criticisms and suggestions. A series of staff conferences resulted in a reorganization of the course as a whole of economics and English courses and in increased attention in other courses to attendant learnings

3752 Savage, Ruth. The development of leadership—followership as a part of character education in a school program of physical education. Master's thesis 1929. New York university, New York, N Y 93 p.

3753 Shipp, David Warner. A study of direct moral instruction in the public schools of the United States. Master's thesis 1929. New York university, New York N Y

3754 Simpson, Mortimer Louis. The construction of character building curriculum for an elementary school. Master's thesis, 1929. New York university, New York, N Y 112 p ms.

3755 Skinner, Blanche. A comparison of the character traits shown in history textbook biographies with the traits of good citizenship. Master's thesis 1930. Colorado state teachers college, Greeley 138 p

3756 Skinner, John K. Cheating and stealing among high school students. Master's thesis, 1930. Northwestern university, Evanston Ill

3757 Smith, Mary Lou. Honesty and love of the home as taught by the American poets. Master's thesis, 1930 New York university, New York, N Y

3758 Sufinsky, Stella. Character building in the literature room Educational method 9: 280-88, February 1930

Four classes in the seventh grade in Denver, Colo. schools including children in X Y Z intelligence groups were studied. The classes covered well-to-do Americans, middle-class Americans, one class of first and second generation foreign born and a class of colored children. The children listed their worst faults, and the characteristics liked and disliked in adults, boys and girls, the things they disliked most, and their heart's desires. After their faults, the teachers tried by interviews and the use of literature to help the children adjust their lives. A teacher who knows and loves her literature and her children can arrange such natural and fruitful contacts between the two that the stories and poems become sources of comfort and guidance, beauty and satisfaction.

3759 Virginia polytechnic institute, Blacksburg. A study of character education and influences at the Virginia polytechnic institute 1930.

The study was a rather exhaustive one made as an inventory of conditions that exist. It included a study of any influences apparent which seem to affect the character of students such as faculty methods, Y M C A, churches, student body, military, barracks, life honor system, freshmen rules, etc. Some very personal data were secured. Findings are not to be broadcast and their use is in the hands of the President. A committee will be appointed to utilize the findings and to gradually bring about the most needed improvements.

3760 Walter Lester T. Character education in the public schools of the District of Columbia. Master's thesis, 1930 George Washington university, Washington, D C. 70 p ms.

Questionnaire survey of practices in a typical city school system (Washington D C)

See also 148, 3703, 3799, 3808, 3841, 4438

## RELIGIOUS AND CHURCH EDUCATION

3761 Alden, Harry C. The Evangelical Lutheran Trinity college of Round Rock, Tex. Master's thesis, 1929 University of Texas, Austin.

A history of the efforts of Swedish Lutherans in Texas to provide educational facilities under religious auspices for the young people of their church. A rapid survey of the settlement of Swedish people in Texas and of early efforts to found schools is followed by a history of the one institution founded by them in Texas.

3762 Anderson, Victor C. A study of certain factors which influence the religious activities of high school students in rural Mormon communities. Master's thesis, 1930 Brigham Young university, Provo.

3763 Armour, Margaret Isabelle. A survey of parent training activities of 45 Protestant Pittsburgh churches. Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin, 27: 218-10, November 1930 (Abstract)

3764 Ans, George. The philosophy of religion of Schleiermacher's *Notes* and its significance for religious education. Master's thesis, 1929 New York university, New York, N Y. 140 p ms.

3765 Bates, Ralph Wesley. The application of statistics to a problem in the field of religious education. Master's thesis, 1929 University of Denver, Denver, Colo. 65 p ms.

The problem considered was to show that many church schools to-day are "allspiced" in their method (method being in terms of textbooks and their use), with the result that a higher degree of efficiency in terms of increased knowledge along the line desired is not found.

3766 Beach, Lola. Service activities in the religious education curriculum. Master's thesis, 1930 Yale university, New Haven, Conn.

3767 Bear, Robert M. The administration in university centers of religious work subsidized by the Board of Christian education of the Presbyterian church, U S A. Doctor's thesis, 1939. Ohio state university, Columbus. 561 p. ms.

Study was made of religious work carried on under Presbyterian auspices for students in state supported and independent institutions of higher learning located in 38 communities in 22 states, and of the factors in religious care of students in 42 Presbyterian colleges. Facts are given regarding types, administrative organizations, finances, program, personnel and equipment of university centers and historical development of the work. Proposals for future effort are developed in detail.

3768. Becker, Elsa G. A study of the experience of 61 Catholic groups in the United States with the Girl Scout program. Master's thesis, 1930. New York university, New York, N. Y. 65 p. ms.

A study of 61 groups in 13 states and 32 cities representing the judgment of the Catholic hierarchy lay administrators of a broadly representative group Catholic schools and other institutions. General satisfaction with the program is shown. The need for supplementing the work of the church by providing wholesome recreation for adolescent girls is recognized. The outstanding needs are for trained volunteer leaders and for active support of clergy and sisters. The most recurrent criticism is that the program is too selective for general use.

3769 Beran, Milo. The objectives of the Presbyterian board of Christian education as shown by its organization and activities. Master's thesis, 1929. Northwestern university, Evanston, Ill.

3770 Bierstedt, Paul E. Reflective thinking in religious education. Master's thesis, 1930. Ohio state university, Columbus. 97 p. ms.

The purpose of this study was to construct a method of religious education upon the technique of reflective thinking as conceived in the philosophy of John Dewey.

3771 Bitzer, David Ralston. Stimulating reflection in religious education. Master's thesis, 1930. George Peabody college for teachers, Nashville Tenn. 94 p. ms.

Investigation of a new series of courses in religious education to determine their probable effectiveness in stimulating reflection. Problems are offered quite closely associated with the ones which an average class of pupils will meet in daily life.

3772 Blough, William Herbert. Student attitude toward the church. Master's thesis, 1930. Ohio state university, Columbus. 70 p. ms.

Measurement of student (college) attitude toward the church at a denominational and a state college.

3773 Boettlicher, Edward Louis. A study of the budgets of the 37 Methodist Episcopal churches in Pittsburgh, Pa., with special interest in religious education. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin 27: 227-28. November 1930. (Abstract)

3774 Brick, Abbie L. A historical study of Westminster foundations up to 1928. Master's thesis, 1930. Presbyterian training school of Chicago. Chicago. Ill.

Historical study of all Presbyterian educational foundations and programs intended to serve college and university students in residence at state universities and other institutions of higher learning.

3775 Case, Ralph Thomas. A study of the placement in the curriculum of selected teachings of the Old Testament prophets. Iowa City, Iowa, The University, 1930. 54 p. (University of Iowa studies, 1st ser., no. 184, Studies in character, vol. II, no. 4, August 1, 1930.)

This study is based upon the data available in tests given to 2,655 children from grades 4 to 12 inclusive in four representative communities in Iowa. The purpose was to find out how well they understood selected quotations of the Old Testament prophets. On the basis of the general comprehension of materials a suggested placement of the passages used was outlined by mental ages.

3776 Chute, William. Old Testament studies for pupils of the fourth form. Master's thesis, 1930. Yale university, New Haven, Conn.



3777 Conrad Sister Mary Prudentia History and educational policy of the Sisters of the Most Precious Blood at O'Fallon Mo Master's thesis 1930 St Louis university St Louis Mo

3778 Consilia Sister M. Catholic education in Nebraska Doctor's thesis 1930 Fordham university New York N Y

3779 Cornelison Bernice May A critical study of certain experiments carried on in an expanded educational program in the church schools of Los Angeles and vicinity Master's thesis 1930 University of Southern California Los Angeles ms

3780 Crowe Mattie A comparative study of two courses in religious education Master's thesis 1930 George Peabody college for teachers Nashville Tenn 335 p ms

A comparison of 24 books bearing the imprint of the International lesson committee published by Methodist Episcopal and Congregational churches The trend in religious education is following closely perhaps too closely the trends in public school education

3781 Cucycha, George J The religious beliefs of college freshmen School and society 31 206-208 February 8 1930

All the freshmen who matriculated at Ripon college at the beginning of the school year 1929-1930 were subjected to a series of religious propositions during the registration period Conclusions College freshmen are much more inclined to believe than to disbelieve they are not lukewarm in their beliefs

3782 Davis, L V A survey of some of the activities of H. Y in Kansas during the school years 1926-1928 Master's thesis 1929 University of Kansas Lawrence

3783 Davis Llewellyn Harmon A study of certain phases of religious education in the small church Master's thesis 1930 University of Southern California Los Angeles ms

3784 Doggett Elizabeth St Clair The correlation of religious and secular instruction in the southern states Master's thesis 1929 New York university New York N Y 110 p

3785 Dolan, James J The Church the greatest educator Master's thesis 1930 St. Bonaventure's college St Bonaventure N Y 18 p ms

3786 Elliott, Errol T A comparative study of the conservative and the radical attitudes of college juniors and seniors as regards religious beliefs superstitious beliefs the conduct of women and national loyalty Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 57-58 December 1930 (Abstract)

This study is an attempt to get a cross section of the attitudes of college juniors and seniors in four major fields of thought The questionnaire method was used in making the study Data indicate that students are quick to assume radical positions in general statements but are really more conservative in actual social situations

3787 Emery, Mrs Pearl Phillips How may the home aid in the religious development of the adolescent? Master's thesis 1930 University of Wichita Wichita Kans 181 p ms

3788 Faucette, Louisa Norwood An appraisal of the life situation approach in religious education with special reference to the Christian quest program Master's thesis 1930 New York university New York N Y

3789 Fee, Rev John J The teaching of the Bible in elementary and secondary schools Master's thesis 1930 Catholic university of America Wash ington D C 59 p ms

3790 Floyd L H. The influence of the Presbyterians on education in North Carolina Master's thesis 1930 University of North Carolina Chapel Hill

3791 Forster, Lena R. A study of the promotion systems in the Protestant church schools of Cleveland, Ohio. Master's thesis, 1930. Northwestern university, Evanston, Ill.

3792 Fort, John Brett. Early religious education in the first Congregational parish of Norwood (1736-1900). Master's thesis, 1930. Boston university, Boston, Mass. ms.

\* 3793 Friesenhahn, Sister M. Clarence. Catholic secondary education in the Province of San Antonio. Doctor's thesis, 1930. Catholic university of America, Washington, D C. 97 p.

3794 Garvey, Mother Mary Agnes. Optimal placement by grades of New Testament stories. Master's thesis, 1930. Loyola university, Chicago, Ill. 95 p. ms.

3795 Geil, Milton George. The construction and standardization of comprehension tests in religious education. Doctor's thesis, 1930. Northwestern university, Evanston, Ill.

3796 Gels, Sister M. Angelina. Ursulines of the Convent of the Immaculate Conception, Louisville, Ky., as a factor in Catholic education from 1858 to 1930. Master's thesis, 1930. University of Notre Dame, Notre Dame, Ind. 82 p. ms.

3797 Geist, Harrison D. Educational influence of the church music in the light of history. Master's thesis, 1930. New York university, New York, N Y.

3798 Goan, Louis. A study of the alumni of the Division of religious education of Northwestern university from 1919-1929. Master's thesis, 1930. Northwestern university, Evanston, Ill.

A detailed analysis of the vocational occupations and the training of the alumni of the Division of religious education at Northwestern 1919-1929.

3799 Gottschall, N. T. A comparative analysis of the specified literature of Mohammedanism, Buddhism, and Christianity with a view to discovering the common elements upon which a program of moral and religious education for a mission school enrolling pupils from these faiths could be based. Master's thesis, 1930. Northwestern university, Evanston, Ill.

3800 Grice, Homer Lamar. The status of evaluation of vacation church school curricula. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 180 p. ms.

3801 Guetzlaff, Magdalene Kathryne. The intelligence and achievement of seventh grade public and parochial school children. Masters' thesis, 1929. University of Colorado, Boulder. 140 p. ms.

Otis group intelligence scale, advanced examinations and Stanford achievement tests were used in four Catholic and one Lutheran school in Waterloo, Iowa. Findings. Median MA of public schools was 42 months below parochial schools. Median IQ of public school children 17 points below parochial school children. Educational ages of public school children were slightly higher than parochial school children. Evidence points to no great differences, but rather to similarities.

3802 Gutman, Jacob. An objective test in general knowledge of Judaism. Master's thesis, 1930. University of Minnesota, Minneapolis.

3803 Hall, Egerton E. Therapeutic value of religious experience. Master's thesis, 1930. New York university, New York, N Y. 85 p. ms.  
Value of religious experiences for health and happiness.

3804 Hall, Ida Mildred. Survey of the religious education facilities offered to the child of elementary school age in Wichita. Master's thesis, 1930. University of Wichita, Wichita, Kans. 130 p. ms.

3805 Harper W A. When is a college Christian? 1930 Elon college  
Elon College N C

This study seeks to discover the qualities of denominational independent and tax supported institutions that entitle them to be regarded as builders of Christian character

3806 Helm Ralph D Teaching values of the New Testament a contribution toward their location and the determination of their adequacy for the curriculum of religious education Doctor's thesis 1929 Northwestern university Evanston Ill

3807 Henderson, Maude M Some problems in the religious education of young children as viewed by a selected group of parents Master's thesis 1930 University of Iowa Iowa City 43 p ms

3808 Hightower Pleasant Roscoe Biblical information in relation to character and conduct. Iowa City Iowa The University 1930 72 p (University of Iowa studies 1st series 186 Studies in character vol 3 no 2 September 1 1930)

The groups selected for this study were mostly public school groups but a few were included from schools for delinquent boys and girls The grades studied included the seventh to the twelfth Eleven thousand eight hundred thirty one tests were administered Conclusions (1) Methods of Biblical instruction should be radically improved if we are to get desired results in character development (2) if the Bible is to be a part of the school curriculum as it now is in many states it should be given a place at least equivalent to that of the other subjects (3) better trained Sunday school or church school teachers are highly desirable and (4) better curricular arrangement of Biblical materials is highly desirable

3809 Hoffman Meinrod Louis Educational value of the Psalms Master's thesis 1930 University of Notre Dame Notre Dame Ind 52 p ms

3810 Hoffman William S Religious census at the Pennsylvania state college School and society 32 104 July 19 1930

3811 Householder Donald Howard The place of Evangelism in the church school (Sunday school) of a certain Protestant denomination Methodist Episcopal Church South, in the Los Angeles district Master's thesis 1930 University of Southern California Los Angeles ms

3812 Hudson, H C The influence of the Baptist on education in South Carolina before 1800 Master's thesis 1930 University of North Carolina Chapel Hill

3813 International council of religious education Committee on religious education of adults A study of adult religious education Chicago Ill International council of religious education 1930

The study includes a summary of the present objectives and current programs of 19 denominational boards 27 state and provisional councils and 24 city and county councils affiliated with the International Council

3814 Johnson Daniel S Religious education in the public schools Master's thesis 1930 Duke university Durham N C

3815 Kaplan Abraham Survey of the Hebrew parochial schools of New York Master's thesis 1929 New York university New York N Y

3816 Kealy, Sister Mary Eugenia. An empirical study of children's interests in spiritual reading Doctor's thesis 1930 Catholic university of America Washington D C Washington D C Catholic university of America 1930 107 p (Catholic university of America Educational research bulletin vol 5 no 4 April 1930)

The study aims to suggest interesting spiritual reading material for children in the Catholic elementary school determine the qualities that make books interesting to children and show how ideals of conduct may be furnished to these children through the medium of spiritual reading One hundred forty books were graded and distributed

among various grades in 14 schools where 878 children took part in the experiment. Spiritual reading books which do not possess the qualities that make for interest in other books are not popular with children. The style in which the book is written as well as its outward form is very important.

3817 Keesecker Ward W. Legal status of Bible reading and religious instruction in public schools. Washington United States Government printing office 1930. 29 p. (U S Office of education Bulletin 1930 no 14)

Part of the work done at American university for the doctor's degree

3818 Kelly Robert L. Faculty attitudes toward religion. Christian education 3 3-11 October 1929

The author made a study in four colleges to determine to what extent if at all the significance of religion was assumed and presented in the teaching of the institution. Comments of faculty members were taken up under the headings of history foreign languages mathematics biology chemistry English philosophy and psychology religion economics and sociology athletics and administration.

3819 Kendrick Grace. Occupational study of 13 rural directors of religious education. Master's thesis 1930 Northwestern university Evanston Ill.

3820 Klee Brother Alexis. The role of the pastor in the Catholic school system. Master's thesis 1930 Rutgers university New Brunswick N J.

3821 Knott Charles Stanley. A purposeful psychology for religious education. Master's thesis 1930 Boston university Boston Mass. ms.

3822 Kotlusky Ruth. An analysis of case histories to identify the outcomes of the Y M C A educational work as reported by the educational secretary 1929. National council of Y M C A s New York N Y. 11 p. ms.

Ninety cases from 21 associations were studied. Tabulation of types of outcomes identified were: changed attitudes toward religion church and religious organizations; changed educational attitudes and improvement in skills; changed social attitudes; improved social bearing and contacts; various aspects of personality development; vocational adjustment or advancement; sex adjustment; miscellaneous.

3823 Lee Beatrice Dzun. The religious educational work of John Wesley. Master's thesis 1930 Boston university Boston Mass. ms.

3824 Lieberman Abraham Irving. A history of religious influences in the public schools of New York. Master's thesis 1930 College of the City of New York New York N Y. 68 p. ms.

Survey of legislative enactments, textbooks and other literary sources pertaining to the subject.

\*3825 Limbert Paul M. Denominational policies in higher education. Doctor's thesis 1929 Teachers college Columbia university New York, N Y. New York city Teachers college Columbia university 1929. 242 p. (Contributions to education no 378).

Policies of denominational boards of education in support and supervision of church colleges. Historical significance of certain 18th century developments and suggestions for organization and program of boards.

3826 Little Lawrence Calvin. Religious education in the Methodist Protestant church. Master's thesis 1930 Duke university Durham, N C.

A study of the educational program of the Methodist Protestant church, based largely upon historical development of the educational movement in that denomination.

3827 Livingood F G. Eighteenth century Reformed church schools. Doctor's thesis 1930 Harvard university Cambridge Mass. Norrisown, Pa. Pennsylvania German society 1930. 397 p.

A study of German Reformed church parochial schools in Pennsylvania during the eighteenth century. History of individual churches and summary chapters on organization schoolmasters finance etc are given. Findings: The educational work of the church paralleled other colonial education in Pennsylvania. Some of work was more larger than historians have previously credited to it.

3828 Lord Harry J A study of the beliefs of church school teachers as factors in the teaching of religion Master's thesis, 1929 Northwestern university, Evanston, Ill

3829 Lorenz, *Rea* Hubert A An examination of certain basal text in religion used in the Catholic high school Master's thesis, 1930 Catholic university of America, Washington, D C 96 p ms

3830 Lucia *Sister* Curriculum possibilities of the literature of the Old Testament Master's thesis, 1929 University of Notre Dame Notre Dame, Ind

3831 Luedeke, Howard Louis A study of age, attendance records and achievement records of parochial school pupils entering certain junior and senior high schools Master's thesis, 1930 University of Cincinnati, Cincinnati, Ohio 60 p ms

Three Ohio high schools were studied to see how pupils entering from parochial schools compared with other pupils in age attendance records withdrawal before graduation achievement in various subjects grade in which they enter and if they improve after they have attended public school for a while Records of 229 parochial school pupils were compared with those of 261 control pupils and data tabulated Findings The differences between the two groups are not so great as is popularly believed

3832 McAninch Ora Guy A study of the correlation between the school success and the church activities of public school children of Noble county, Oklahoma Master's thesis, 1929 Oklahoma agricultural and mechanical college, Stillwater

3833 McDonald, Valcour Randolph Social values of religious import in fifth grade school work Master's thesis 1930 George Peabody college for teachers, Nashville, Tenn 50 p ms

A comparison of the aims of religious education and general education together with the observation of a fifth grade situation to determine whether social values of religious import may be inherent in fifth grade situation without introducing formal religious teaching Findings The aims of religious education and general education are identical in many respects The fifth grade observed showed opportunity for the realization of many of the aims of religious education

3834 McGowan, Robert The Benedictine Fathers of the American Cassinese congregation as a factor in the educational life of the United States from 1846 to 1928 Master's thesis 1929 University of Notre Dame Notre Dame, Ind.

3835 McLeod, Marion Leola The place of the Bible in American state universities Master's thesis 1929 New York university, New York, N Y 48 p ms

3836 Mallon, Wilfred A survey of the educational efficiency of the Jesuit colleges in the Middle West. 1930 St Louis university, St Louis Mo

3837 Mary Louise, *Sister* The junior high school in Cleveland and its feasibility in the Catholic school system Master's thesis, 1929 University of Notre Dame, Notre Dame, Ind

3838 Mayer, Otto Life experiences and the new curriculum a guide to objective observation Chicago International council of religious education, 1929 23 p (Research service bulletin no 6)

A guide for those who wish to study the religious life of growing persons through direct observation of first hand experiences

3839 Mendenhall, W W A study of administrative provisions for the religious education of college students Y M C A, Indianapolis Ind. 1929-1930

This study seeks to find out to what extent college presidents or administrative officers assume responsibility for enriching the experiences of students to the end that college life may have character and religious by products Letters and questionnaires were sent to many college officers over the United States in a selected list of 85 colleges, 65 colleges were represented in the findings

3840 Miller, Theodore Evan. A survey of the week-day church schools of Allegheny county Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 338-39 November 1930 (Abstract)

3841. Mills John D A study of some aspects of the relation of religious education to moral character Master's thesis 1929 University of Kansas Lawrence.

3842. Murphy, Daniel J The National Catholic educational association and standardization Master's thesis 1930 Catholic university of America Washington D C 49 p ms

3843. Nelson, T H and Kotinsky, Ruth Informal non vocational educational offerings of the Y M C A s 1929 National council of Y M C A s New York, N Y 16 p ms

3844. Ohlgslager, Maurus An investigation of the teaching of liturgy in Catholic high schools Master's thesis 1929 University of Notre Dame Notre Dame Ind

3845 Peckham John L Archbishop Peckham as a religious educator Doctor's thesis 1930 Yale university New Haven Conn

3846. Peper, Mathilde Biblical teaching in women's colleges in the United States Master's thesis 1930 New York university New York N Y 120 p ms

History of teaching aims content methods and results of Biblical teaching in state private and Protestant church colleges

3847 Presbyterian theological seminary, Chicago Ill. Comprehension on the part of selected young people with regard to figurative forms of religious language Master's thesis 1930

\*3848 Quinn Sister M Antonina Religious instruction in the Catholic high school Doctor's thesis 1930 Catholic university of America Washington D C 147 p ms.

3849 Raby, Sister Joseph Mary Christian education and the child centered school Master's thesis 1930 Catholic university of America Washington D C 57 p ms.

3850 Ransom, Richard Bruce Southern Methodist school support in Virginia a study of the effects of the composition and distribution of population in the counties and independent cities of the State Doctor's thesis 1930 New York university New York N Y

3851. Reed, James H. Some practical projects in the liturgical method of religious education Master's thesis 1929 University of Notre Dame Notre Dame Ind

3852. Reynolds, Paul A. The teaching of Protestant Sunday school literature concerning Jews and Roman Catholics Doctor's thesis 1930 Cornell university, Ithaca N Y 83 p ms

3853 Rogers Ralph H. The modern belief in immortality and its use in current curricula Master's thesis, 1930 Yale university New Haven, Conn

3854. Ryan, John Joseph. Religious and secular education—a Catholic view point Master's thesis, 1929 New York university New York, N Y 79 p

3855. Schehl, Rev Herbert A. Capuchin educational activities in the United States. Master's thesis, 1929 Catholic university of America Washington D C 01 p ms.

3856. Scheuermann W M. The development of criteria by means of which to evaluate the larger parish work in the Methodist Episcopal church. Master's thesis 1930 Northwestern university, Evanston

3857 Shoemaker, Robert C The certification plan of the Y M C A and its influence on the educational preparation of Y M C A secretaryship Masters thesis 1930 Teachers college, Columbia university, New York N Y 33 p ms

Exposition of early history development and plan of the certification project and its influence on the educational preparation of the Y M C A secretary Findings Certification is but one educative means of improving the quality of young recruits It has increased salaries stimulated better educational preparation and should be encouraged

3858 Smart Thomas Contributions of Henry Clay Trumbull to religious education Masters thesis 1930 Northwestern university, Evanston Ill

3859 Smith, William Cooke The Mormons as a factor in the development of the public school system of Arizona Masters thesis, 1930 Brigham Young university Provo

3860 Smock, Jean A survey study of the educational program of the Edgewater Presbyterian church of Chicago 1930 Presbyterian training school of Chicago Chicago Ill

Detailed analysis of present organization and program together with historical narrative covering past 10 years

3861 Stillwell, E H Studies in church history No I, or "One hundred years of Baptist history in the Tuskegee association" 1930 Western Carolina teachers college Cullowhee, N C

A study of organization pioneer preachers early churches discipline and rules, records support leadership relation to education and community progress The aim of this study was to show the early struggles of pioneer churches and the influence they had (and still have) on present day religious and educational progress

3862 Stryker, Elsie Beatrice Religion as a means of man's development. Master's thesis, 1929 New York university, New York N Y 91 p ms.

3863 Thorpe, Louis P A functional analysis of Seventh Day Adventist secondary schools Master's thesis 1930 Northwestern university, Evanston, Ill

3864 Tiffin, John Sommerville Church architecture with special reference to the educational program of the church Master's thesis, 1929 New York university, New York, N Y 110 p ms

3865 Urbach, William Fred The university pastor movement in state colleges and universities Master's thesis, 1930 Yale university, New Haven Conn

3866 Vanderalice, Annie E Religious education in the family Masters thesis 1930 New York university New York N Y 80 p ms

Conclusions There is a definite need for religious education in the family which can be met by modern educational and religious ideas

3867 Van Natta, Sister Mary Angela Jesuit classical scholarship Investigations in the field Master's thesis, 1930 St Louis university, St Louis, Mo

3868 Vender, Melvin R. Reactions of 1045 Presbyterian young people to their church program Master's thesis, 1929 Northwestern university, Evanston, Ill 111 p ms

A scientific research based on an investigation among 1045 Presbyterian young people with statistical tabulation and handling of data Discovers data providing for the improvement of the program and the local church administration of young peoples work

3869 Vieth, Paul H International standards in religious education 1930 International council of religious education Chicago, Ill

Standards for the educational work of the church including Sunday school vacation church school week-day church school, and the several departments of the church school viz, beginner primary, junior intermediate senior young peoples and adult Scoring manuals accompany each standard

3870 Wall, Ernest A. Aesthetic approach in religious education. Master's thesis, 1930 New York university, New York, N Y

3871 Wang, He-Chen Study on missions Master's thesis, 1930 New York university, New York, N Y

3872 Watson, Goodwin An approach to the study of worship made under auspices of National council of Y M C A Religious education, 24: 849-58, November 1929

Comparison of seven experimental services presented to 200 adolescent boys, and rated by them for worshipfulness Preference for emotional rather than intellectual elements was found. No significant differences among denominations were found

3873 Werner, Emily J. The objectives of religious education Doctor's thesis 1030 New York university, New York, N Y 252 p ms

A survey of historical and contemporary objectives and of the social needs to-day, with a critical evaluation of objectives in the light of these needs

3874. Williams, J A Philanthropic contributions to education through the senior Baptist colleges of North Carolina with especial reference to Wake Forest college Master's thesis, 1930 Wake Forest college, Wake Forest, N C  
Summary of data pertaining to finance purpose, history and output of Wake Forest in comparison with other institutions of such rank in North Carolina

3875 Woodward, Luther. Relations of religious influence and certain life patterns to the adult religious life. Doctor's thesis, 1930 Teachers college, Columbia university, New York, N Y

Data were collected by means of a questionnaire from 384 subjects including a wide range of religious types Data indicates that concept of religious education must be broadened and scope of its attention must be extended so as to include everyday experiences and the general atmosphere in which the child lives, attention to these matters must be coordinated with religious instruction and training, there is need for greater individualization in the educational process, a program of parental education is greatly needed, religious educators need additional professional training

3876 Young Men's Christian associations Research and studies II Abstracts of enterprises within the Young men's Christian association, completed during 1929 or in process January 1, 1930 Prepared in connection with the annual conference on research, Spring Lake, N J, March 16-18 1930 86 p

See also 17, 50, 64-65 69, 150-151, 168 173, 178, 1874, 1757, 2361 2559, 2893, 3228, 4321

## MANUAL AND VOCATIONAL TRAINING

3877 Blackburn, Samuel Alfred The development of vocational education in Texas Doctor's thesis, 1930 University of Texas Austin

3878 Brahdy, Joseph Development of a unit of related drawing for electricians in an industrial high school Master's thesis, 1030 New York university, New York, N Y

3879 Brownman, David E Derivation of trade technical mathematics for plumbers in an industrial high school Master's thesis, 1930 New York university, New York N Y 100 p ms

Determination of mathematical requirements from an accepted analysis of plumbing trade

3880 Burieligh Ralph Wendell The status of the instruction of aeronautics in the schools of California Master's thesis, 1930 University of Southern California, Los Angeles ms

3881 Canton, Ohio Board of education Survey analyzing needs for vocational education 1930. 83 p ms



3882 Carier, Marvin L. Determination of the subject material needed for high school shop in western Oklahoma. Master's thesis, 1929. Iowa State college, Ames. 61 p ms

Study of 200 questionnaires from patrons in 250 mile radius of Goodwell, Okla (Panhandle district). A general shop or a shop of general mechanics would come nearer fitting the needs of patrons answering than the ordinary woodwork and drawing

3883 Cheney, Clark T. A study of vocational farm mechanics courses in the high schools of the United States. Master's thesis, 1930. Iowa state college, Ames. 98 p ms

3884 Clark, Hermon R. A study of mechanical aptitude test in a trade school. Master's thesis, 1930. Massachusetts agricultural college, Amherst. 128 p

The mechanical analysis tests of the General electric company were administered to about 500 students of the Vocational school West Springfield Mass. The results of this test are compared with the work in academic subjects, shop work, woodwork, automobile mechanics and electricity

3885 Coggin, George W. Survey of evening textile classes. 1930. State department of public instruction, Raleigh, N C

A survey to determine the personnel of textile employees relative to general education, tenets of work in textile and other industries, and effectiveness of trade and industrial program for past 10 years in textile and industry

3886 Cooke, Robert Locke. Some contributions of the Lick and Wilmerding schools of San Francisco to the administration of vocational and secondary education. Master's thesis, 1930. University of California, Berkeley. 45 p ms

A study of the history of the Lick and Wilmerding schools of San Francisco in an attempt to show their contributions to vocational and secondary education. Findings. In their 36 years of existence these schools have definitely had a part in shaping the course of industrial school training as it has been developed in the United States. Furthermore, it seems evident that through the experience gained in these schools the director was able to make a valuable contribution to secondary education in helping to develop the germ of the junior high school and junior college

3887 Coover, Shriver L. A study of the practice curves in learning the fundamental processes in the industrial arts. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin, 27: 246-47, November 1930. (Abstract)

3888 Cribben, Leo T. A study of certain private and endowed schools offering trade and industrial education in New York State. Master's thesis, 1930. New York university, New York, N Y. 181 p ms

Philosophy, entrance requirements, courses offered, tuition fees and length of term for 24 New York state private schools

3889 Crichton, W. S. A job analysis plan of teaching presswork at South high school. Omaha, Nebr., University of Omaha, 1930

The study shows the plan of analyzing presswork into jobs so that the individual student may be assigned to partially complete tasks and carry them on for one period when the job is taken up by a second student, etc., until the job is completed. It is a description of the technique of analyzing presswork into unit tasks and the cooperation of students in carrying out each of the tasks

3890 Criley, Clifford F. A job analysis of the electric wiremen's trade for teaching purposes. Master's thesis, 1930. University of Kansas, Lawrence.

3891 Curtis, John W. Description and evaluation of a new training plan for tile setting apprentices. Master's thesis, 1929. University of Minnesota. Minneapolis

3892 Cushman, Frank, and Klinefelter, C. F. Vocational training for air plane mechanics and aircraft engine mechanics. Federal board for vocational

education, Washtagton, D C United States Government printing office, 1930 45 p

Partial analyses of the trades with suggestions relative to the organization and operation of training courses

3893 Denver, Colo Public schools. Department of research. An analysis of certain shop courses in a Denver junior high school to discover exploratory values. 1929-1930

3894 ———— ———— ———— Test results secured from 13 apprentices at the C B & Q railroad shops. 1929-1930

3895 ———— ———— ———— Vocational education in cities over 150 000—a questionnaire 1930 12 p ms

Vocational education carried on in buildings furnished by firms in cities over 150 000

3896 Dickinson, Elaine The arts and industries of Hawaii Master's thesis 1929 Teachers college, Columbia university, New York, N Y 42 p ms

3897 Eaton Joseph J (Yonkers, N Y) Related science of the carpentry trade [1930?]

Shows the need of applied science for those who are not academically inclined.

3898 Eaton, Merrill T A course in home mechanics based on current home practice Master's thesis 1929 Indiana university, Bloomington 150 p ms

3899 Fall, R. B Farm shop course of study 1930 South Dakota state college Brookings

3900 Fisher, Herbert A. The machine and how it affects design Master's thesis, 1930 New York university, New York, N Y

3901 Forman, William Orange. Opportunities for preparation for industrial life in New York City school system. Master's thesis 1929 New York university, New York N Y 44 p ms.

3902 Freeman, Zanol B Correlations between the academic and shop records of 536 boys in the Henry Ford trade school 1930 University of Michigan, Ann Arbor 91 p ms

A study to determine relation between academic and shop ratings and factors in determining the relation, between shop practice and allied academic fields, between ratings of academic subjects alone success in chosen fields, comparison of attitudes in school shop work to that in production after completing course. Findings Some boys did uniformly good work in all subjects others did good academic work and poor shop work, others reversed this doing good shop work and poor academic work, few were poor in everything

3903 Friese, John Frank. An analysis of industrial arts teaching and preparatory teacher training Master's thesis, 1930 University of Wisconsin, Madison.

3904 Frost, Ellery Herbert. The activities of the automobile mechanic as a basis for curriculum making Master's thesis, 1930 University of Chicago, Chicago Ill.

A study of the manual and intellectual activities of the automobile mechanic in the shop as a basis for building the shop course of study

3905 Galtner, George W Shop tool room methods [1930] Department of education Baltimore, Md.

Commercial shop methods and their application to school shops

3906 Hahn, Emil. The functions and duties of the principal and administrative staff of a public industrial school for adolescents Doctor's thesis, 1929 New York university, New York, N Y.

3907 Hambrook, Robert W Methods used in preparation of United States Government bulletin on Light frame house construction, technical information

for the use of apprentices and journeyman carpenter Masters thesis 1930  
George Washington university Washington D C. 85 p ms.

A study of light frame house construction Development of plans and directions for building a light frame house a curriculum study for journeymen carpenters applicable for high school classes

3908. Harper Herbert D Suggested content for an industrial high school course in mathematics based on a job analysis of the house builders trade Masters thesis 1930 New York university New York N Y 120 p ms

This work includes problems on all phases of balloon frame construction and masonry

3909 Haynes Harold A Pupil self rating scales in applied electricity Masters thesis 1930 University of Chicago Chicago Ill 80 p ms

Construction of three rating scales in electricity used in classroom to determine effect on learning process using a control and experimental group Findings: Pupils profited by the use of the scales Group using scales made more gain on making joints than group not using scales

3910 Herold Henry Danelle The metal trades exploratory facilities present in the junior high school automobile shop Masters thesis 1930 University of Southern California Los Angeles ms

3911 Heusch E L Compilation of type instruction sheets being used in Ohio State department of education Columbus Ohio [1930]

3912 ——— and Greenly, Russell J Survey analyzing needs for vocational education Canton Ohio State department of education Columbus Ohio [1930]

3913 ——— and Jacob Ralph. Development of content in shop and related subjects in the automotive trades State department of education Columbus Ohio [1930]

3914 Hjorth Herman Principles of woodworking Milwaukee Wis Bruce publishing company 1930

3915 Howell Tillie Davis The relation of interests to success in electrical and automotive-trades training Masters thesis 1930 University of Cincinnati Cincinnati Ohio 80 p ms

One hundred seventy seven boys in the Electrical trades school and 200 boys in the Automotive trades school of Cincinnati Ohio were studied to investigate the relation of interests to success in trade training Findings: Results in the Electrical trades school do not justify the assertion that the interest test can be used in this school as a measure of prediction In the Automotive trades school the data seem to warrant the use of the test as an aid in guiding students whose likelihood of success or failure seems uncertain In general interest test scores should not be used alone for guidance purposes Better guidance can be given with interest test scores available than without them.

3916 Hubbard Louis Herman The place of vocational training as an objective of the woman's college Doctor's thesis 1930 University of Texas Austin

3917 Jackson Clark L Industrial arts in the small high school Masters thesis 1930 Ohio state university Columbus

A study of the small high schools of Franklin county Ohio and especially the Hilliard high school The general laboratory plan is recommended

3918. Kirk Earl The place for wicker weaving in an industrial arts program Masters thesis 1930 George Peabody college for teachers Nashville Tenn 126 p ms

The study is an analysis of the content into its unit operations survey of schools to determine the character of their work and the investigation of literature to determine the relative importance of wicker weaving Findings: The educational content is not so great as some other activities relatively not important the most appropriate time for it is later junior high or senior high school few of the operations need be taught not much time need be devoted to it should be given supplementary to other courses and requires little equipment for teaching

3919 Kiser, Carl D. A study of a typical junior high school course in industrial arts for a city of 5 000 population. Master's thesis, 1929. Iowa state college, Ames. 80 p. ms.

Development of junior high school industrial arts course, showing scope teacher shop equipment, course of study and suggested problems. Findings. Junior high school and industrial arts are well established for boys. The general shop is best for small schools, vocational guidance is necessary.

3920 Kozacka, J. S. Curricula in technical high schools. Master's thesis, 1930. University of Michigan, Ann Arbor. 76 p. ms.

Data were supplied by 32 technical schools. Findings. No uniformity in organization of grade schools. tendency seems to be toward 6-3-3 or 9-3 plan, there is uniformity of curricula; technical high schools stress mathematics, science, machinery and academic subjects more than other types of schools.

3921 Landry, Herbert A. A critical study of certain tests of mechanical ability. Master's thesis, 1930. Massachusetts agricultural college, Amherst. 111 p.

Four mechanical aptitude tests were given to some 400 students at the West Spring field high school and correlations worked between the results of these tests.

3922 Larson, A. V. The teaching of industrial subjects in Nebraska. Master's thesis, 1929. University of Minnesota, Minneapolis.

3923 McGarvey, G. A. and Sherman, H. H. Granite cutting. Federal board for vocational education, Washington, D. C. Washington, D. C., United States Government printing office, 1929. 251 p.

Specimen instruction material for use of apprentice and journeyman workers in the granite industry.

3924 McKee, L. C. A trade school curriculum in automobile mechanics and related subjects. 1930. Duke university, Durham N. C.

Develops a plan for a vocational course in automobile mechanics with related subjects to be given on a part time basis.

3925 Magill, E. C. Farm shop job sheets. 1930. Virginia polytechnic institute, Blacksburg. 80 p. ms.

Formulates clear-cut procedure and instructions for performing certain mechanical skills and jobs which are expected of good farmers.

3926 Messer, Godfrey. Organization of an industrial arts course for a typical Iowa high school. Master's thesis, 1929. Iowa state college, Ames. 43 p. ms.

This study is based on the opinions of 163 fathers of boys who were enrolled in the industrial arts classes in Iowa high schools.

3927 Murphy, Ethel Mary. Problem of teaching machine calculation in the senior high schools of Oakland. Master's thesis, 1930. University of California, Berkeley. 64 p. ms.

An effort to establish a defensible basis for reorganizing the course in machine calculation in the Oakland senior high schools.

3928 Nickolls, Charles L. An elementary course in natural gas. 1930. Oklahoma agriculture and mechanical college, Stillwater. Guthrie, Okla., Co-operative publishing company, 1930. 115 p.

Analysis history and content material for instructional purposes.

3929 Norberta, Sister. A comparative study of the medieval apprenticeship system and the modern trade school system in the United States. Master's thesis, 1929. University of Notre Dame, Notre Dame, Ind.

3930 Paine, Olive. An experimental study of two methods of teaching manual arts in the first grade. Doctor's thesis, 1930. Yale university, New Haven, Conn.

3931 Petermann Robert J A survey of the present status of technical education in the metropolitan area Masters thesis 1930 New York university New York N Y 202 p ms

A study of technical education preparatory and college within 100 miles of New York City including a brief history training courses evaluation of agencies Findings Few publicly controlled institutions increase in length of courses for the various degrees increased

3932 Phillips William Earl Politics in industrial arts education in south west Oklahoma Masters thesis 1929 George Peabody college for teachers Nashville Tenn 74 p ms

3933 Platts John M Industrial education survey of Fresno 1926, and results three years later Masters thesis 1929 Stanford university Stanford University Calif 90 p ms

Study of educational needs of certain leading trades the provisions now supplied for meeting these with definite proposals for meeting future demands

3934 Powell E C An attempt to teach appreciation for period styles in furniture Masters thesis 1930 Ohio state university Columbus 104 p ms  
Covers approximately 26 periods from Egyptian to Duncan Phyfe. A professionalized study is made for teachers in industrial arts education

3935 Proffitt Maris M The general shop Washington United States Government printing office 1929 27 p (United States Department of the Interior Education bulletin 1929 no 30)

3936 ——— Grading in industrial schools and classes with an annotated general bibliography Washington D C U S Government printing office 1929 20 p (U S Office of education Industrial education circular no 28 December 1929)

3937 ——— Industrial education 1906-1928 Washington United States Government printing office 1929 24 p (U S Bureau of education Bulletin 1929 no 12)

Advance sheets from the Decennial survey of education in the United States 1926-1928

3938 Santa Monica Calif City schools. Stenquist mechanical aptitude tests 1930 4 p ms

These tests were given to all boys of the seventh grade The main purpose in giving the tests was to make possible more effective educational and vocational guidance for boys in the seventh grade The median score for "B" group was 59.1 while the median for the "A" group was 66.7

3939 Schultz Leo C The place of home mechanics in the junior high school curriculum Masters thesis 1930 University of Iowa Iowa City 50 p ms

3940 Sears William Paul The roots of vocational education. Doctors thesis 1930 New York university New York N Y

3941 Smith Edward H Sheet metal work for trade extension classes 1930 Public schools Oakland Calif 81 p ms

3942 Smith Fred C Curriculum problems in industrial education. Combridge Harvard university press 1930 143 p (Harvard bulletins in education no 16)

A study of men employed in the machinist trade in Cincinnati Ohio with a view to constructing a training program to upgrade them in their present employment The group conference method was used The training proposed has for its object supplementary training in related subjects rather than a development of manipulative skills Understanding attitudes responsibilities and ideals which will make a craftsman a better craftsman are considered

3943 Smith Nevin J A prognostic study in the trade school. University of Pittsburgh school of education journal 5 84-89 March 1930

It is the purpose of this study to determine how accurately achievement in the tenth year shop may be predicted from records of the ninth year Data were obtained by

transcribing from school record books the grades of 203 vocational school pupils. Data indicate that records of the ninth year are not a valid basis for the prediction of achievement in the tenth year shop.

3044 Smith Victor J. The organization of unit tests for industrial education classes. Master's thesis 1930. Teachers college Columbia university, New York N. Y. 45 p. ms.

3045 Setzin, Heber Allen. An industrial arts curriculum for grades 4-12 inclusive. Doctor's thesis 1930. University of Cincinnati Cincinnati Ohio 651 p. ms.

Findings. There is a great deal of confusion relative to the terminology employed in designating manual instruction in the schools. No list of objectives for the industrial arts will meet with universal acceptance. There are relatively few state and city courses of study in the field of industrial arts. School surveys have discovered little in the field of industrial arts to recommend. Textbooks in the field of education advocate extensive rather than intensive industrial arts work. Educational leaders criticize industrial arts on the grounds that they lack proper objectives, proper methods of teaching, procedures, etc. Most industrial arts work is taken by pupils in the seventh and eighth grades and consists of woodworking and mechanical drawing. Those who have had industrial arts work can do much of the repair work about the home and its equipment and many of them would select a larger amount of industrial arts work if they were repeating their school courses.

3046 Spillers William Horton. A vocational survey of some of the smaller high schools in Fresno county. Master's thesis 1930. Stanford university, Stanford University Calif.

3047 Stannard Cedric. The prognostic value of the MacQuarrie test for mechanical ability. Master's thesis 1930. University of Southern California Los Angeles ms.

3048 Stone W. H. Are shop courses in the junior high school of practical value? Nations schools 5 45-50 April 1930.

An investigation undertaken to find out whether junior high school industrial courses explore the occupational fields that they aim to explore, whether the courses are organized and conducted with a view to discovering special aptitudes, interests and capacities, and whether use is made of the knowledge of the pupil and his abilities as revealed by the exploratory courses. Questionnaires were sent to 35 schools in Wisconsin and to 10 other schools in seven other states.

3049 Sweigert Ray L. A study of the vocational aspects of shop work in engineering colleges. Master's thesis 1930. University of Iowa Iowa City 145 p. ms.

3050 Templin, Roy Perrill. A consideration of three phases of industrial education. Master's thesis, 1930. Boston university Boston Mass ms.

3051 Texas. State board for vocational education. Trade and industrial education suggestions and course of study. Austin 1930. 41 p. (Texas Department of education. Bulletin vol 6 no 5 no 271).

3052 Ware Noel C. Job sheets a course in machine shop practice. Master's thesis 1929. Indiana university Bloomington 84 p. ms.

3053 Whitney, F. L. Vocational courses in junior colleges. 1929. Colorado state teachers college Greeley 3 p.

An analysis of the content of all of the courses offered by 14 vocational junior colleges and of the vocational content found in the course offerings of arts junior colleges.

3054 Williams John Franklin. The development of vocational education in the State of Florida since 1918. Master's thesis 1929. University of Florida Gainesville.

3055 Wood J. Orville. The development of printing education in the United States. Master's thesis 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 410-11 November 1930. (Abstract).

- 3958 Woodward, Ruth. Secondary aeronautical education. Master's thesis, 1930. University of Wichita, Wichita, Kans. 76 p. ms.
- 3957 Woolley, Paul V. Job sheets in elementary printing. Master's thesis, 1930. Indiana university, Bloomington. 141 p. ms.
- See also 229 1320 1696 1741 2061 2106 2363 2758 4150 4184 4186 4568, 4634, and under Agricultural education

### EDUCATIONAL AND VOCATIONAL GUIDANCE

- 3958 Akright, James Gladstone. The administration of educational and vocational guidance in the Everett high school. Master's thesis 1930. Stanford university. Stanford University Calif.
- 3959 Babb, Ralph Warren. Developing practical guidance work. Nations school 4. 49-52. December 1929.
- A study of five groups of children who were pupils of the Lynn continuation school. Lynn Mass.
- 3960 Baldwin, Allison Roy. A study of the initial employment of boys and girls between the ages of 15 and 20 in commercial positions, in the city of Salina Kans. for the two-year period ending January 1 1927. Master's thesis. 1929. University of Kansas Lawrence.
- 3961 Barnum, Cyrus P. Life to the full: an experiment in personal counseling with college students. University Y M C A, Minneapolis: Minn. 1929-1930.

An experiment begun in 1923. Of 100 sample cases 37 men made contacts through the activities program 20 were referred by faculty members, 13 by high school teachers 13 by friends 11 by pastors or other Y secretaries 6 by miscellaneous agencies. The problems showed 21 related to home adjustment, 42 to educational adjustment, 54 to vocational and 33 to social adjustments, 17 involved finance and 17 religion. Number of interviews with each person ranged from three to nine.

- 3962 Beckington, Olive Ruth. The permanence of vocational interests of 207 high school graduates as indicated by their persistence in a subject of vocational significance elected in the ninth year. Master's thesis 1929. Indiana university Bloomington. 37 p. ms.

- 3963 Bedford, James H. Vocational interests of high school students Berkeley Calif., University of California 1930. 53 p. (University of California Vocational guidance series no 1 Division bulletin no 25)

A representative cross section of the State was secured through a geographic sampling of 12 rural high schools. The vocational choices of the 1211 high school students included in this random sampling were compared with the vocational opportunities open to them in the communities in which they are living in the State of California, and in the United States as a whole. Measured by the criteria applied the vocational interests of these students were found to bear no relation to the vocational opportunities open to them.

- 3964 Beeson, Marvin F. The organization of vocational guidance in a city of 60 000 inhabitants based on a study in San Jose, Calif. 1930. College of William and Mary, Williamsburg Va. 12 p. ms.

The study includes an investigation of the organization of vocational guidance in San Jose Calif. as a basis for recommendations for the reorganization of the administration of vocational guidance. Findings. Recommendations were made that the work in educational and vocational guidance should be extended and systematized by establishing a Bureau of measurements and guidance with a director in charge and three vocational counselors as teachers of courses in "occupations" under his supervision. An office for the work and equipment for the bureau were discussed.

- 3965 Boda, H. L. A county guidance bureau for the schools of Montgomery county, Ohio. Master's thesis, 1930. Ohio state university, Columbus. 163 p. ms.

A study of the needs, possibilities and limitations for organizing a central bureau of guidance experts to serve the schools of the county.

3966 Bottenfield, E O A program of educational guidance for high schools Master's thesis, 1929 Urbana, University of Illinois, 1929 30 p (Bulletin, Bureau of educational research, University of Illinois, 1929)

Contains the report of a study of guidance in a number of medium sized Illinois high schools. A tentative program for such schools is suggested and applications of this made to larger and smaller schools. The data from the high schools studied indicate that students ordinarily elect one half or more of their programs and that there is comparative need for guidance

3967 Brown, Clara M. Experiment in the placement of college students. Master's thesis, 1929 University of Minnesota, Minneapolis

3968 Buchwald, Leona C. Classes or occupations, course of study for junior high schools Baltimore, Md Department of education, 1929 166 p

3969 ——— Revision of guidance records Baltimore, Md, Department of education, 1929

3970 Chase, Vernon E. Face to face with the personnel Nation's schools, 4: 21-25, July 1929

Gives some of the types of organized information that have been found helpful in dealing with the personnel problems in Fordson, Mich

3971 Cincinnati, Ohio Public schools Vocational bureau. Annual report of the Occupational research and counselling division, September 1, 1928-June 30, 1929 21 p ms

3972 Cowen, Philip A How they make a living New York state education, 17: 807-809, May 1930

Data for this study were secured from questionnaires (part of a study of the needs of pupils in small high schools) Agricultural and factory trades predominate in small communities, educational resources are limited, occupational careers of high school graduates and non graduates differ widely

3973 Coxe, W. W. and Cowen, P. A. Educational needs of pupils in small high schools 1930 State department of education, Albany, N Y 92 p ms

Forty small high schools of the State of New York were studied. Findings Educational choices made by pupils show lack of adequate guidance Describes the social, economic and occupational conditions in small communities and relates these to a desirable offering in the high school

3974 Dashiell, J P. Personality traits and the different professions Journal of applied psychology, 14 197-201, June 1930

A study was made of various personality traits as ranked by professors in the schools of medicine, commerce, teaching, engineering and law at the University of North Carolina. Conclusions In his opinion as to the general personal and character traits for success in his profession, a teacher preparing students for one profession is little more likely to agree with a colleague in the same line than with a teacher preparing students for a very different profession

3975 Denver, Colo, Public schools, Department of research. Activities of the Junior counseling committee; Five case studies in guidance at Aaron Gove junior high school; Guidance through physical education; Report of the survey of the personnel and organization of the guidance programs in Denver secondary schools, and in other cities, A report on guidance in a junior high school with special emphasis on group guidance; A survey of the counseling program of East high school with recommendations for future expansion 1929-1930

3976 Dorr, Otto J An occupational survey Gathering compiling and interpreting occupational data in the city of Fond du Lac, Wis Master's thesis, 1930 Colorado agricultural college, Fort Collins

3977 Elizabeth, N J. Public schools. Vocational guidance in the Elizabeth public schools, with a suggested program 1929-1930 ms



3978. Everett, Edward W. A study of occupations followed by former students in certain representative high schools of the San Joaquin Valley. Master's thesis 1930. University of California Berkeley. 36 p. ms.

A study to determine the occupations followed by 809 boys and girls who were freshmen in 14 high schools of the San Joaquin Valley in 1915 and to determine whether these occupations were followed inside or outside of the student's high school district. Inasmuch as more than one-third of the boys were found in agricultural pursuits, rural high schools of the district may well offer courses in vocational agriculture being based on the enterprises most important in the high school district. Rural schools in the San Joaquin Valley or in other similar districts base their course of study around five major curricula: agriculture, home-making, commercial work, certain trade courses, and college preparatory work.

3979. Farlinger, Esther E. *The present status of guidance in the junior high school of New York State*. Master's thesis [1930]. New York University. New York. N. Y.

3980. Fenton, Norman. Experiences of the traveling child guidance clinic of the California bureau of juvenile research. California quarterly of secondary education 5: 401-408. June 1930.

3981. Fisher, Mildred Louise. Building a cumulative pupil record for use in public school guidance. Master's thesis 1929. New York University. New York. N. Y.

3982. FitzGerald, John Woodward. Placing the college man in industry. Master's thesis 1929. Cornell University. Ithaca. N. Y.

3983. Foster, T. C. Vocational guidance in rehabilitation. U. S. Federal board for vocational education. Washington, D. C. Washington, D. C. U. S. Government printing office 1930.

3984. Gerberich, J. E. The Arkansas educational guidance survey, spring 1930. University of Arkansas, Fayetteville. 5 p. ms.

Seniors from 39 of the larger high schools of Arkansas took educational guidance tests. Each student took three of the four tests; the first two were obligatory; the third was chosen on the basis of the course to be taken at college or special interest of the pupil. In addition each student filled out a personnel questionnaire. Letters of advice were sent to each student taking the tests together with his grade.

3985. Gillespie, F. Rodney and Brotemarkle, R. A. Interpolated revision of college adult level norms for personnel procedure. Journal of applied psychology, 13: 325-43. August 1929.

The study covers revision of norms for 13 tests.

3986. Gillespie, Paul Smith. A vocational survey of the graduates of Greeley high school, 10-year period 1916-1925. Master's thesis, 1929. University of Colorado Boulder. 51 p. ms.

From a questionnaire investigation as to what occupations graduates from 1916 to 1925 have entered and their reactions to their school work it was found that 25 per cent have left the State, 88.2 per cent of the boys and 81.1 per cent of the girls went to college, 30.7 per cent of the boys and 30.3 per cent of the girls were graduated from college, 15 per cent of the boys followed father's profession and 58 per cent decided careers in high school. Twenty-five per cent were dissatisfied.

3987. Gooch, Lulle M. Occupations engaged in by the graduates of Main Avenue high school of San Antonio, Tex. Master's thesis 1930. University of Colorado Boulder. University of Colorado studies, 18: 63-66, December 1930. (Abstract)

A questionnaire investigation was carried on with high school graduates to determine the kinds of occupations engaged in, mode of securing positions, number of jobs held and tenure, beginning and present salaries, traits leading to promotion, chances desired, school subjects that have aided in business, supplementary training necessary. Data were collected from 429 girls and boys representing the classes for the years 1926 and 1930 (January class). Seventy-four different occupations are represented by the respondents.

3988 Gould Silas Elias Subject and occupation choices of high school students. Master's thesis 1929 University of Colorado Boulder 140 p ms

Questionnaire investigation of four large Colorado high school systems offering a large choice of elective subjects. Factors influencing choice were aid in making a living advice from parents and others ability to make good marks advice from superintendent or principal and reputation of subject. Little sex difference in choices was found.

3989 Hannah Stanford Vocational guidance in the small high schools of California with particular reference to the Mendocino high school. Master's thesis 1930 University of California Berkeley 88 p ms

Ascertains the extent and status of vocational guidance in the small high schools of California and suggests possibilities methods and forms for use in such high schools.

3990 Hannay Frances S A study of the success of the criteria for guiding S-A pupils who wish to enter college preparatory courses 1930 Public schools Alhambra Calif 5 p ms

3991 Hannon Bess Adella Lee A vocational guidance survey of occupational opportunities for men in telephony. Master's thesis 1930 University of Southern California Los Angeles ms

3992 Hansen Tybjerg Chairman Differences in the talents and abilities of young people. Journal of applied psychology 13 451-68 October 1929

A series of tests were given 233 apprentice printers or compositors in Copenhagen Denmark. The tests show whether or not the apprentice has talent for the trade.

3993 Hatfield Malcolm Keith Present organization of personnel work in representative institutions. Master's thesis 1929 University of Notre Dame Notre Dame Ind.

3994 Hedge John W An evaluation of certain guidance procedures. Master's thesis 1930 University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 288-80 November 1930 (Abstract)

3995 Hendry Charles E and others Selection of camp leadership. Y M C A. Kenosha Wis 1929-1930

Unusual blanks have been devised involving college interests significant reading judgment in handling camp situations. A rating scale is used in securing references about counselors.

3996 Heusch E L and Paine H N Compiling surveys of continuation pupil employment for Northwestern Ohio cities of Toledo Mansfield Fremont Findlay and Lima [1930] State department of education Columbus Ohio

3997 Hinderman Roy A Evaluating and improving guidance services. Nation's schools 5 47-52 March 1930

This study is concerned primarily with the development of a scientific measuring device for use in the intelligent evaluation and improvement of guidance services. A survey was conducted by the questionnaire method in 259 cities in the United States having a population of 20 000 or more.

3998 Hiss Mary E A study in guidance of college students who must earn money during their course. Master's thesis 1930 Johns Hopkins university Baltimore Md 30 p ms

The study is limited to the territory of the Southern association of colleges and secondary schools.

3999 Jacobs Helen A bibliography of biography useful in counseling and guidance. Master's thesis 1930 University of California Berkeley 63 p ms

A bibliography of biography useful in guidance toward the selection of a vocation. Two hundred books or articles are listed giving a prominent place to the career of some individual.

4000 Jordan Riverda H Education as a life work. New York Century company 1930 303 p

4001 Kay, Edith W. The nature and distribution of college personnel activities Master's thesis, 1929 University of North Dakota, Grand Forks School of education record of the University of North Dakota, 15. 187-91, March 1930 (Abstract)

Compares personnel work in industry with that in colleges, and formulates an efficient organization for the handling of the personnel problem in the small college of chemistry The thesis includes a collection of record forms used in the University of North Dakota, and charts illustrating the present and proposed plans, office arrangement industrial plan and other materials which support the problem

4002 Kern, Mary Margaret Vocational intentions of "Mortar board" seniors Personnel journal, 8 266-70, December 1929

A survey was made of 281 Mortar board seniors in 33 colleges to learn their attitude towards their choice of a career the financial aspects of their choice and their appraisal of their own qualifications for occupations For this group of girls qualifications which would be of commercial value are few Data indicate the need for more concrete vocational guidance

4003 Kitson, Harry Dexter Does general mechanical aptitude exist? Industrial arts and vocational education, 19 215-19, June 1930

A critical survey of the leading tests used for the measuring of mechanical aptitude It was found that few of them satisfied the demands of scientific method as to reliability and validity These results cast serious doubt on the validity of the concept "mechanical aptitude"

4004 ——— Investigation of vocational interests among workers Psychological clinic, 19 48-52, April 1930

Report of the use of a scale for investigation of the degree to which a worker likes his vocation Figures reported referred to 247 teachers 140 graduate nurses and 28 policemen Facts regarding age at which these persons decided on their vocation were also disclosed, leading to definite conclusions regarding the significance of age in making one's choice of vocation

4005 Kopf, Helen M Present vocation of alumni who were honor students 1930 Piqua high school, Piqua, Ohio

This is a check on the choice of vocation of 73 honor students Findings 26 per cent became teachers 30 per cent entered business, 33½ per cent continued schooling and 4 per cent entered professions

4006 Krugman, Morris Adjustment problems of employed boys Doctor's thesis, 1929 New York university, New York, N. Y.

4007 Lehman, Harvey C and Witty, Paul A. The constancy of vocational interest Personnel journal, 8: 253-65, December 1929.

This article summarizes the findings and the conclusions of several previous investigators of the permanence of vocational interest, and presents tabulated data of the choice of future employment in four diverse occupations secured from 7,000 school children at each of the age levels from 8 6 to 15 6

4008 Lewis, Howard G The administration of a guidance program in a large high school Master's th. , 1930 Brown university, Providence, R. I.

4010 Long Beach, Calif. Public schools. Department of research. Occupations for high school graduates based upon a study of the class graduating at Polytechnic high school in 1924. [1930] 8 p. ms

If the curriculum of Long Beach is to be guided by vocational considerations, the semiprofessional, business, domestic and personal service, transportation occupations, and certain of the more stable manufacturing and mechanical occupations should receive serious consideration. It seems probable that the curriculum offers sufficient in the way of preparation for the higher professional occupations.

4011 Lord, J. Milton. Evolution of the personnel movement in the public schools of the United States. Master's thesis, 1929. New York university, New York, N. Y. 35 p. ms.

4012 Ludington, Don Clifford. Presenting occupational information in an industrial arts program. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 76 p. ms.

Investigation and analysis of the work of carpenters, machinists and automobile mechanics.

4013. McCahe, Martha R. List of references on vocational guidance. Washington, U. S. Government printing office, 1929. 21 p. (U. S. Bureau of education Library leaflet, no. 36)

4014 MacCarthy, Constance Frances. Guidance in colleges and universities. Master's thesis, 1930. Boston university, Boston, Mass. ms.

4015 McKinney, Katharine M. Analysis of researches in educational guidance in secondary schools. University of Pittsburgh school of education journal, 5: 77-83, March 1930.

This study had as its purpose the selection and analysis of available researches in educational guidance in secondary schools. Sixty-nine studies were found which met the delimitations proposed from 1918 to 1925. Eighteen major problems stand out in the summarized researches.

4016 Mangum, Catherine C. A study of the vocational adjustments of 50 men graduating from grammar school in 1918. Master's thesis, 1929. Catholic university of America, Washington, D. C. Social science monographs (National Catholic school of social service, Washington D. C.), 1: 18-25. September 1929.

Fifty men were interviewed 11 years after grammar school graduation. The school played but a small part in placing the boys and offered no information concerning industrial conditions or training necessary for any particular work. Its benefits were mainly accidental.

4017. Marcell, Clifford Earl. Vocational histories of printers of the State of Minnesota. Master's thesis, 1929. University of Minnesota, Minneapolis.

4018 Miller, Clair E. The evaluation of N. guidance factors in reference to high school boys. Master's thesis, 1930. University of Iowa, Iowa City. 144 p. ms.

4019 Moise, Marian. The radio worker in New Orleans—vocational information monographs no. 3, 1930. High school scholarship association, New Orleans, La. New Orleans, La., Herbert B. Holmes company, inc., July 29, 1930. 11 p.

The opportunities in the radio field in New Orleans, for the information of the children in the New Orleans public schools.

4020. Mossler, John Daniel. A study of the vocational choices of the high-school pupils of Harrison county, Ind. Master's thesis 1929. Indiana university, Bloomington. 113 p. ms.

4021 Mueller, Alfred Don. A vocational and socio-educational survey of graduates and non-graduates of small high schools of New England. Genetic psychology monographs, 6: 313-95, October 1929.

A study undertaken with a view to obtaining a cross-sectional view of the in-school and the out-of-school life of the graduate and non-graduate of the small high school of New

England The investigation embraces all students who entered 26 representative small high schools of New England during the period of 1910-1914 inclusive The total number of cases upon which conclusions were drawn was in the vicinity of 1 800

4022 Munzenmayer L H Guidance records [1930] State department of education Columbus Ohio

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- 4043 Smith, Margaret Lorraine. School counseling, its trends and practices. Master's thesis, 1930 University of Southern California Los Angeles. 153 p National education association, Department of secondary school principals bulletin, 34 63-65, January 1931 (Abstract.)
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A monograph discussing the needs of intelligent, educational and mechanical teachers in vocational rehabilitation work, describes some tests and their use by the State rehabilitation service of the Division of vocational education

4045 Staudemayer, Maude Izell. Relation of intelligence and achievements to the vocational interests of 1,794 freshmen Master's thesis, 1930 University of Wisconsin, Madison

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4047. Stockwell, Anne Belle. *Guidance in the elementary school*. Master's thesis, 1929. New York university, New York, N. Y.

4048. Streit, Josephine. *The fireman in Cincinnati, an occupational analysis*. Master's thesis, 1930. Teachers college, Columbia university, New York, N. Y. 46 p ms.

4049. Tatlock, Vilmer Leroy. *A study of the school continuance, occupation, and geographical location of graduates and D-B enrollees in the Lebanon, Ind., high school for guidance purposes and curricular organization*. Master's thesis, 1930. Indiana university, Bloomington. 45 p ms.

4050. Thomson, Margaret M. *An occupational study of the knitting mills and overall factories of Minneapolis*. Master's thesis, 1930. Teachers college, Columbia university, New York, N. Y. 60 p ms.

4051. Uhrbrock, Richard Stephen. *What is the greatest need in the hotel industry?* 1929. Cornell university, Ithaca, N. Y. Mid-West hotel reporter, February and March, 1930. 12 p.

General discussion of modern personnel methods, with emphasis upon selection and training. Findings: The hotel industry offers a virgin field for the worker in industrial education.

4052. Washburne, Carleton and Carswell, Marion. *Individual guidance as it is applied in a village school system*. *Nation's schools*, 4: 23-28, December 1929.

Describes the educational technique used in the Winnetka, Ill., public school system. The goal of Winnetka is to require only learning that can be shown to have direct and almost certain use in every child's life.

4053. Weersing, Frederick J. and Roos, Leonard V. *Guidance practice in junior colleges*. *California quarterly of secondary education*, 5: 93-104, October 1929.

Presents data from 52 public junior colleges in 10 states, showing guidance practices with percentages reporting each. Concludes that guidance is a problem demanding increasing attention.

4054. Weisman, Sara E. *Case studies of the relationship between high school achievement and educational counseling*. *Journal of educational research*, 21: 357-63, May 1930.

This study was undertaken to determine whether or not the Stanford revision of the Binet-Simon test could be used profitably in educational counseling. It was found that while the IQ found by the Stanford revision test indicates fairly well the ability of pupils to do high school work, other factors tend to modify the quality of performance.

4055. White, Wilfred C. *A vocational study of the graduates of Moorhead state teachers college*. Master's thesis, 1929. University of Minnesota, Minneapolis.

4056. Woellner, R. C. and Lyman, R. L. *Evaluating books on vocational guidance*. *School review*, 38: 191-99, March 1930.

Reports the making of a score card and the use of that score card by 103 judges with respect to 26 representative books on vocational guidance, which are most suitable for ninth grade classes. The judges evaluated the books in terms of the interests and abilities of the average ninth grade pupil. The greatest variations between the 26 books are in subject matter. The books which rank highest deal with several kinds of vocational interest; present concretely the attractiveness of vocations; treat elements of personal success; are recent, with up-to-date facts; are written in narrative or expository form; emphasize the social values of the occupations; and are written by authors who know boys and girls as well as they know the subject matter.

4057. Wood, Harriette and Pruitt, Anne. *Guidance at work in the schools of Craven county, N. C.* Richmond, Va., Southern woman's educational alliance, 1930. 101 p ms.

See also 478, 1855, 1909, 1094, 2019-2020, 2132-2133, 2142, 2145 2152, 2361, 2598, 3058, 3617, 3798, 3819, 4247, 4269, 4271, 4294, 4324 4330 4341, 4352 4373 4387, 4389 4395, 4412, and under Home-rooms

### AGRICULTURAL EDUCATION

4058 Alabama polytechnic institute School of education Auburn test for agricultural information, field crops—form "A." Auburn, Alabama polytechnic institute, 1930 8 p (Bulletin, 1930, no 2) Manual of directions, 6 p ms

4059 Ayers, Thomas Lawrence Effectiveness of agricultural evening class instruction Master's thesis, 1929 George Peabody college for teachers Nashville, Tenn 61 p ms

4060 Bunyard, Claude Lee. A technique for measuring the effectiveness of agricultural evening schools Master's thesis, 1930 Iowa state college, Ames 99 p ms

4061 Byram, H M A course of study in swine production Master's thesis, 1929 Iowa state college Ames

4062 Capps, Marion Daniel. Some effects of specialization by agricultural teacher trainees Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 45 p ms

4063 Case, Riley L The status of Smith Hughes agriculture teachers in Indiana Master's thesis 1929 Indiana university, Bloomington 130 p ms

4064 Chesnutt, S L and others Developing a form of community survey to serve as the basis for courses of study in vocational agriculture in Alabama high schools 1930 Alabama polytechnic institute, Auburn 3 p ms

4065 Clark, Lloyd Harold. The present status of county agricultural agents in Indiana Master's thesis, 1930 Indiana university, Bloomington 91 p ms

4066 Clark, Olin W. College achievement of pupils admitted on the New York State academic diploma in agriculture to the New York State college of agriculture Master's thesis, 1930 Cornell university, Ithaca, N Y

4067 Crandall, Will Giles, Ayers, T L and Duggan, L W An investigation of evening class instruction in agriculture Clemson agricultural college, Clemson College, S C 16 p (Bulletin 5 Educational ser 1, February 1930)

A study of evening class instruction given to 700 farmers Thirty four trainees were engaged in this experiment

4068 Dansby, George William An analysis of a citrus enterprise for teaching vocational agriculture in Florida Master's thesis 1930 University of Florida, Gainesville

4069 Davenport, Roy Leonard How teachers of vocational agriculture in Louisiana distribute their time Doctor's thesis [1930] Cornell university, Ithaca, N Y

Findings Range of activities is excessive and there is need of some standardization The writer is opposed to principal teacher combination and shows the need for readjustment of the scope of responsibilities if the principal teacher combination or the part time arrangement is used.

4070 Delzell, Hugh Franklin Cooperation between county agents and vocational agriculture teachers Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 43 p ms

4071 Eckhoff, John Adams Teaching the cotton enterprise in Mississippi Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 131 p ms

4072 Farmer A B The effect of some features of high school training on the performance of freshmen in Virginia colleges Masters thesis 1930 Virginia polytechnic institute Blacksburg 50 p

A study to determine principally if vocational agriculture in the high school affects the student's performance in college Judging from the complete records of the freshman enrollment in three Virginia colleges vocational agriculture does not interfere with good performance in college regardless of the curriculum chosen in college Students (of the former group) did better in science than mathematics, as well in other courses, but poorer in English. The latter was true of all rural high school students

4073 Garrison Elva Gill The agriculture situation in the Hemet and San Jacinto union high school districts California Masters thesis 1929 University of California Berkeley 208 p ms

A study to determine the need of education in livestock and poultry production in the Hemet and San Jacinto union high school districts

4074 Gerberich J R Graphic methods first semester 1929-1930 University of Arkansas Fayetteville 5 p ms

Controlled experiment in teaching method in graphic methods College of agriculture Objectives of the course were to develop the ability to read understand and interpret charts and graphs of the types encountered in agricultural work and to develop the ability to construct such graphs in the representation of raw data The work of the experimental section was compared with that of the control section The major emphasis for the experimental section was on the techniques and principles of graphic methods The final examination was given in two parts to cover the work of the semester The study is based on too few cases to make the results especially reliable The author recommends that the experiment be continued another year

4075 Gibson H F The community survey as a basis for constructing a course of study in vocational agriculture Masters thesis 1930 Alabama polytechnic institute Auburn 50 p ms

A survey of 25 farm homes in Lee county Ala and construction of course of study for vocational agriculture in Lee county high school consisting of (a) long time program (b) annual program and (c) program of work (jobs) set up for year 1930-1931

4076 Grant Ernest Aiken Proposed changes in the curriculum in agriculture for the State agricultural and mechanical college of South Carolina on the basis of the farm enterprises of 16 negro vocational agricultural school communities of the State Masters thesis 1930 Cornell university Ithaca N Y 265 p ms

Survey of 293 negro farms in 16 counties and vocational agricultural school communities of the State of South Carolina Findings Major enterprises on farms are cotton and tobacco All farms with few exceptions are family size Minor enterprises are for home supply

4077 Greenleaf Walter J Lund grant colleges and universities. Year ended June 30 1928 Washington United States Government printing office 1929 81 p (U S Bureau of education bulletin 1929 no 13)

4078 Gregorio Herman C The growth of agricultural schools in the Philippines 1914-1928. Masters thesis, 1930 University of Kansas Lawrence

4079 Groseclose H C A study of the organization and use of student organizations in vocational education in agriculture 1930 Virginia polytechnic institute Blacksburg 60 p ms

4080 Hamer Oliver Stuart The master farmers of America and their education Doctor's thesis 1930 University of Iowa Iowa City Iowa City University of Iowa 1930 151 p

4081 Holley, Otis Ray College chemistry and physics for vocational agricultural trainees Masters thesis, 1929 George Peabody college for teachers Nashville Tenn 43 p ms

4082. Hull Joseph W Effectiveness of agricultural evening class instruction in Western Arkansas. Master's thesis 1930 George Peabody college for teachers Nashville Tenn 84 p ms

A study of four counties 18 classes and 470 farms. Findings Farmers carry out 67 1 per cent of the possible improved practices

4083 Hypes J L and Markey J F The genesis to farming occupations in Connecticut Storrs Connecticut agricultural college 1929 594 p (Storrs agricultural experimental station bulletin 161 October 1929)

This is not strictly a study in education but contains basic information upon which some educational policies may be based.

4084 Johnson Elmer John Measuring the efficiency of project work in vocational agriculture in 10 Colorado high schools. Master's thesis 1930 Colorado agricultural college Fort Collins

4085 Johnston Walter George Organizing and conducting part time and evening classes in vocational agriculture Master's thesis, 1929 Alabama polytechnic institute Auburn

4086 Kiltz Kenneth W The relation between the supervised farm practice programs and the farm resources of the boys of 20 vocational agriculture departments in Western Indiana Master's thesis [1930] Cornell university Ithaca N Y

4087 Lance C E Causes of establishing and discontinuing high school departments of agriculture Master's thesis 1930 George Peabody college for teachers Nashville Tenn 58 p ms

A study of all new departments and all discontinued agricultural departments during 1918-1929 in the Southern region

4088 Lathrop F W Studies in vocational education in agriculture A compilation of studies made in the various states 1912 1930 1930 U S Federal board for vocational education Washington D C 26 p ms

4089 LeMay S. R Economic and educative values of cooperative cotton marketing in Texas Master's thesis 1930 George Peabody college for teachers Nashville Tenn 70 p ms

4090 Lemon John Paul An objective test in horticulture Master's thesis 1929 University of Colorado Boulder 81 p ms

Construction administration and evaluation of objective test in horticulture Findings Test scores and teachers marks validity coefficient of .804 Reliability of odd and even = .904 Test has satisfactory reliability for measuring achievement in horticulture

4091 McIntosh D C The relation of courses taken in high school to grades made in the School of Agriculture 1930 Oklahoma agricultural and mechanical college Stillwater 4 p

4092 McNeely David O Tobacco farming versus dairying Groves Ky Master's thesis 1930 George Peabody college for teachers Nashville Tenn 62 p ms

Tobacco growing and dairying are suitable to carry on in connection with each other Dairying is increasing in Groves county

4093 McGill E C Experimental data organized for teaching 1930 Virginia polytechnic institute Blacksburg 200 p ms

In teaching farmers actual proofs of the efficiency of improved practices are essential Instructors cannot locate the data needed from time to time and the data are hard to organize for effective teaching These data have been organized for pocket note book form

4094 Moore Forest E Agencies and methods employed in promoting vocational education in agriculture Master's thesis 1930 Iowa state college Ames 177 p ms



4005. North, Thomas Paul. Certain factors significant in the selection of boys for training in vocational agriculture. Doctor's thesis, 1929. Cornell university, Ithaca, N. Y.

4006 Oberhansley, Henry. Status of the agricultural curriculum in the secondary schools of Utah. Master's thesis, 1930. University of California Berkeley. 55 p. ms.

A study of the first two years work required of all schools subsidized under the Smith Hughes act in light of modern educational theory and trends in agricultural education and suggestions that may help in solve the problems confronting those who are responsible for construction of courses in agriculture. There is general agreement that agricultural courses in secondary schools of Utah are not functioning as they should in training of future farmers.

4007 Olney, Roy O. A knowledge analysis of pupils as a factor in determining teaching content in agricultural courses. A survey of 157 high school pupils in the potato enterprise in nine patronage areas in New York State. Doctor's thesis, 1929. Cornell university, Ithaca, N. Y.

4098 Parsons, D. W. An analytical study of the activities and problems of county agricultural extension agents. Doctor's thesis, 1930. Cornell university, Ithaca, N. Y. Ithaca, N. Y. Cornell university, 1930. 44 p.

A study of agents in New York, Pennsylvania, Ohio and West Virginia.

4099 Ramsower, Harry Clifford. Studies in leadership applied to county agricultural agents. Doctor's thesis, 1930. Harvard university, Cambridge, Mass.

Seventy-six county agents in Ohio were divided into three groups and each agent was rated by three supervisors and by himself. The 180 qualities obtained from personal interviews with 23 county agents and 23 state agricultural extension workers were checked with the 20 traits included in the rating scale. The 15 best and the 15 poorest agents were compared on the 20 traits. Findings: It is possible through the method used in collecting and treating the data to determine a rank order of agents on the basis of total leadership capacity, those qualities which are most important in differentiating 'good' from 'poor' agents. Through the use of "trait activities" it is possible so to guide an agent that he may meet problems involving these qualities with increasing success.

4100 Rice, R. S. The determination of the type of statement presenting the greatest frequency and the greatest pleasure value in the high school vocational agricultural course. 1930. Pennsylvania state college, State College.

4101 Sacay, Francisco M. A basis for building a program of agricultural education in the Philippines. Master's thesis, 1930. Cornell university, Ithaca, N. Y. 236 p. ms.

An examination of the agriculture of the Philippines, the educational situation and the needs of the farm population. Proposes the organization of vocational schools and agricultural extension work.

4102 Schmitz, Henry W. A study of the methods of teaching sciences underlying agriculture and their application to the teaching of vocational agriculture. Topeka, Kans., Board for vocational education, 1929. 47 p. (Series A-6)

4103 Shoptaw, LaVan. The present status of vocational agricultural education in Arkansas. Master's thesis, 1929. Iowa state college, Ames. 132 p. ms.

4104 Sims, Haskell Dickerson. Method of teaching poultry husbandry in vocational agriculture high schools. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 49 p. ms.

4105 Smith, Lee Roy. The status of agriculture in the elementary schools of Southern California. Master's thesis, 1930. University of Southern California, Los Angeles. ms.

4106. Stubbs, Florence H. Some educational values of 4 H clubs: an objective study. Master's thesis. 1930. George Peabody college for teachers. Nashville Tenn. 50 p. ms.

Some values of certain attitudes and information of a general educational nature in sixth and seventh grades. Orange county Va. The study was based on an objective attitude-information test.

4107. Swanson H. B. A course of study in crop production. Master's thesis. 1929. Iowa state college. Ames.

4108. Thomas Roy H. Annual statistical report of state supervision of agricultural education for the year ending July 1 1930. 1930. State department of public instruction. Raleigh N. C.

4109. Thomasson, M. E. Professional difficulties of teachers of vocational agriculture. Master's thesis. 1930. University of Minnesota. Minneapolis.

A study of 106 negro teachers of vocational agriculture. 84.1 per cent of the negro personnel, in the States of Virginia, North Carolina, Georgia, Florida, and Arkansas. Includes data on relative difficulty of 53 professional activities performed by the teacher of vocational agriculture. Traces relations between difficulties and factors in training and experience of teachers.

4110. Virginia polytechnic institute. Blacksburg Va. Anniversary number—Virginia news letter (to instructors and workers in vocational agriculture). 1929. State board of education. Richmond Va. 35 p. ms.

Graphical presentation showing the influence of teacher training on the Virginia program for vocational agriculture. Examples: (1) Training for evening school work resulted in 2308 farmers enrolled in classes. (2) the cost of professional training was reduced from \$234.00 to \$18.41 per trainee. (3) of 1600 high school teachers in the counties but 13 per cent hold the collegiate professional certificate. 72 per cent of the agriculture instructors hold it.

4111. Woods R. H. A method of determining the relationship between types of farming content in vocational agriculture and technical training of teachers of agriculture. Doctor's thesis. [1930]. Cornell university. Ithaca N. Y.

4112. Woods, Sylvester D. Non agricultural activities of vocational agricultural teachers. Master's thesis. 1930. George Peabody college for teachers. Nashville Tenn. 67 p. ms.

This study covered Tennessee, Arkansas and Mississippi. Findings: Nonagricultural activities are important factors in vocational agricultural work.

See also 152 2062, 2069 2365 3021 4390 4631

## HOME ECONOMICS

4113. Adams, Grace Elizabeth. Clothing expenditures of continuation school students. Master's thesis. 1930. New York university. New York N. Y. 80 p. ms.

A survey of clothing expenditures of students in the clothing class of the Brooklyn Girls continuation school. Findings: There is a field in continuation school teaching for further research work to devise short unit courses in clothing suitable to the needs of individuals in various communities.

\* 4114. Alabama. Department of education. Division of vocational education. Manual of home economics education for high schools. 1930. Montgomery. Alabama state board of education. 1939. 79 p.

4115. Annin, Marjorie Elizabeth. The present status of home economics in the public secondary schools of California. Master's thesis. 1930. University of Southern California. Los Angeles. ms.

4116. Backstrom, Frances and Rust, Lucile. Study of the clothing interest and needs of a group of freshman and sophomore college girls. Master's thesis. 1929. Kansas state agricultural college. Manhattan.

4117 Baker, Helen Evangeline Teaching the effective use of money through home economics curriculum Master's thesis, 1930 University of Cincinnati, Cincinnati, Ohio 93 p ms

Sixteen courses of study were surveyed to discover the principles of money management which are now incorporated. A questionnaire was used to discover the activities in which these principles are being taught by the home economics teachers of Cincinnati. Findings: Instruction in effective consumption is relatively new in the elementary and secondary school, instruction in money management should be definitely planned for, a distinct unit of work should be incorporated in the home economics program.

4118 Becker, Jane S Some deficiencies in the training of home demonstration agents Master's thesis 1930 Cornell University, Ithaca, N Y

This is an analysis of the activities and responsibilities among both agents and assistant agents against which details of preparation in college and apprenticeship are checked. A definite lag in specific preparation was found.

4119 Bell, Allene Objectives for a home economics education program at Alabama college, Montevallo Ala Master's thesis, 1929 Iowa state college Ames

A study of the difficulties encountered by the better teachers in the field as one basis for determining the objectives for a home economics education program at Alabama college.

4120 Bennett, Margaret Plans for home management houses for Purdue university Master's thesis 1930 Purdue university, Lafayette, Ind.

4121 Bixler, H H and others Atlanta home economics tests grades I-7, H-7, I-8, H-8 Atlanta, Ga, Board of education, 1930 21 p

Gives four achievement tests each covering one semester's work.

4122 Bolton, Marie Home economics as an avocation Master's thesis, 1930 Stanford university, Stanford University, Calif 59 p ms

A study was made to determine the avocational opportunities open to home economics trained women. The results of this study indicate a need of considering the avocational aids of home economics for homemakers and for business and professional women; of a revision of many of the courses of study now offered, of a textbook which will include all phases of homemaking, of uniformity of nomenclature to the business world and to courses of study, and of creating an understanding by high-school principals, deans of girls and teachers in the value of interesting high school girls in home economics.

4123 Bouton, Hilda M A study of the conditions of home economics in the public elementary and junior high schools of the United States Master's thesis, 1929 University of Southern California, Los Angeles 96 p

4124 Braithwaite, Katherine E An experimental study of ninth grade food classes on the long and short periods Master's thesis, 1930 University of Minnesota, Minneapolis

4125 Bratley, Hazel A study of the problems and difficulties of student teachers of home economics of Cornell university Master's thesis [1930] Cornell university, Ithaca, N Y

4126 Brown, Clara M An experiment in sectioning; an experiment in the use of the regression equation to predict the success of students in a home-economics course Journal of higher education, 1 269-73, May 1930

4127 Burton, Henrietta K and Gerberich, J R The consumer aspect in home-economics education. 1930 University of Arkansas, Fayetteville 4 p ms

A special technique was used stressing the consumer aspect of the commodity and utilizing numerous shoe samples. The report is an indication of a trend in home economics education, and should be considered rather as a report of a new teaching method than as a controlled experiment.

4128 Case, Sarah V Child care and development courses at Oregon state agricultural college Master's thesis, 1929 Oregon state agricultural college, Corvallis 53 p ms.

4129 Conover, Frances The number of home economics teachers in training in Iowa and their possible placement within the State Master's thesis, 1930 Iowa state college, Ames

A study of the placement of teachers in Iowa over a five year period in order to find combinations of subjects taught tenure of service and number of teachers in training at present in relation to possible demand

4130 Crofoot, Vanita May. The origin and development of home economics in the five institutions for higher education of the State of Washington Master's thesis, 1929 University of Washington, Seattle 159 p

4131 Daniels, Edna Cockrell History and present status of home economics education in Douglas county, Kans Master's thesis 1929 University of Kansas Lawrence 174 p

4132 Diamond, Helen Study to determine the influence of certain factors upon enrollment in elective home economics courses above the eighth grade Master's thesis, 1929 University of Minnesota, Minneapolis

4133 Douglas Marion and Friant, Regina. Clothing courses for seventh grade adjusted to a daily time schedule of sixty minutes Master's thesis 1929 Iowa state college, Ames

4134 Fairfax, Blanche L Organization of a food problem course for William Smith college Master's thesis, 1930 Teachers college, Columbia university New York, N Y 189 p ms

4135 Faulkner, Mary Revision of home economics education course of study for elementary, junior and senior high schools Baltimore, Md, Public schools, 1930 178 p

A revision of the course of study in home economics based upon five years' experimental classroom work

4136 Fritzche, Bertha An informal foods placement test for a beginning foods course in a small college Master's thesis 1929 Iowa state college Ames

4137 Gookins, Mrs Clara A survey of the social objectives in home economics for boys as found in the investment made in the seventh, eighth and ninth grades of 20 towns in Colorado Master's thesis, 1930 Colorado state teachers college Greeley

4138 Hall, Mrs Myrtis Woodley College courses most valuable for training clothing specialists Master's thesis, 1930 George Peabody college for teachers Nashville Tenn 42 p ms

A study of college courses considered most valuable by a group of stylists buyers educational directors and professional shoppers and by the employers of this group for training clothing specialists

4139 Henley, Frances The relationship between the type and amount of home experience, and the high school work in foods and clothing of 50 girls in Mississippi Master's thesis 1929 Iowa state college, Ames

4140 Henrie Leone Call. The reliability and validity of three home economics tests Master's thesis 1930 Agricultural college of Utah Logan

4141 Herring, Mrs Carrie E A study of the home economics department of the Ithaca junior high school Master's thesis [1930] Cornell university, Ithaca N Y

4142. Hoppes, Pearl and Turner, Marcia Foods course for seventh grade adjusted to a daily time schedule of 60 minute periods Master's thesis 1929 Iowa state college Ames

4143 Indiana Department of public instruction Division of vocational education Courses in home economics for high schools September 1929 Indianapolis, 1929 (Bulletin no 160 G-3)

4141 Ivey, Rosaline Status of home economics in certain southern accredited high schools Masters thesis 1929 George Peabody college for teachers Nashville Tenn 36 p ms

4142 Johnson Harriet F A clothing survey made from a study with farm girls in Four H clubs of South Carolina January 1 1928 to June 1 1929 Masters thesis 1930 Teachers college Columbia university New York N Y 16 p ms

A study of average costs average expense per girl and per type of clothing

4146 Johnson Margaret Esther A study of home economics courses in southern teachers colleges Masters thesis 1930 George Peabody college for teachers Nashville Tenn 63 p ms

Findings Wide variation of work need for uniformity in nomenclature content and sequence of courses so as to facilitate transfer of credits from one institution to another were found

4147 Johnson Mildred The out-of-school activities of the junior high school girls of Muncie Ind Masters thesis 1929 Iowa state college Ames

A study of the out-of-school activities closely related to the home of all junior high school girls in Muncie Ind The information served as one of the bases for setting up objectives for a junior high school home economics course

4148 Kansas State department of education Courses of study for high schools part IX—home economics Topeka 1929 123 p

The Association of home economics teachers in Kansas is largely responsible for the course of study It is based upon the needs of the schools of the State and attempts to meet the needs in a manner which is in keeping with the best educational thought of the day The material was tried out in class rooms for at least a semester by numerous teachers criticisms made by the teachers were studied by the association in 1927 and their recommendations included in the study The final revision was made by a group of 10 members Bibliographies are included with the different phases of the work

4149 Kelly Ernestine Elizabeth Development of home economics in white state colleges of Alabama Masters thesis, 1930 George Peabody college for teachers Nashville Tenn 98 p ms

Findings (1) State accredited standard colleges of Alabama have the best developed curricula (2) home economics has been developed for different purposes in each school (3) the home economics courses of the state teachers colleges are limited The tendency is toward further limitation confining courses to the teaching of home economics in the elementary grades

4150 Kenyon Mildred and Friant, Regina J An analysis of the content of courses in vocational home economics offered in the secondary schools of Iowa from 1926 to 1929 Masters thesis 1929 Iowa state college Ames

4151 Kessler, Leola A standard practice house kitchen for teacher training in efficient home making Masters thesis 1930 Colorado state teachers college Greeley

4152 Keys Louisa J A report on a program in the Maryland state normal school at Towson—home economics in health education Masters thesis 1929 Teachers college Columbia university New York N Y

4153 King Mattie G and Coon Beulah Study of home activities and personal needs of some working girls in Chicago as a basis for the home economics curriculum for them Masters thesis, 1929 University of Chicago Chicago Ill

4154 Kittrell Flemmie P A study of home economics education in negro high schools and colleges of North Carolina Masters thesis 1930 Cornell university Ithaca N Y 103 p ms

All accredited high schools and standard colleges offering work in home economics education were studied Of the 78 accredited negro high schools in North Carolina 53 offer work in home economics Six of the 46 high schools included in this study offer work in vocational home economics

4155 LaFollette Cecile Major difficulties in supervised teaching of home economics and suggested remedies Teachers college journal (Terre Haute Ind) 1 75-78 January 1930

A questionnaire based on the experiences of the writer was prepared and submitted to 40 teachers of home economics in the larger high schools and colleges in the eastern part of the country Gives the difficulties encountered arranged in order of their frequency of occurrence and offers suggestions as to how to overcome some of them

4156 Leighton Frances Determining education objectives for a college course in the economics problems of the home for both men and women Doctor's thesis 1930 Teachers college Columbia university New York N Y

Personal interviews were had with 75 families to determine what materials should be included in a course in the economics of consumption One hundred and twenty six problems were raised by the families themselves Problems were studied in relation to income of families occupation size of families education observed standard of living jury judgment Seventy five professors and graduate students considered the solution of more abstract problems as necessary as the solution of specific problems within the home Study reveals a technic for determining methods of obtaining factual materials which should be included in a course in the economics of consumption

4157 Litjedahl Mabel The professional training of teachers of home economics in the degree granting institutions of the United States Master's thesis 1930 University of Southern California Los Angeles ms

4158 Long Beach Calif Public schools Department of curriculum revision Home making course of study for junior high schools—grades 7 to 9 Long Beach Calif, City schools 1929 206 p

This course of study was prepared by the curriculum department under the guidance of a curriculum director It was used first for class experimentation

\* 4159 McGowan Mrs Ellen Beers A comparative study of detergents with special reference to the teaching of the subject Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 125 p (Contributions to education 441)

Problem has been worked out from (1) The technical aspect including scientific background properties and behavior of detergents analyses comparison of physical characteristics of fabrics or surfaces to which detergents are applied and effect of detergents on fabrics with reference to soil removal and tensile strength and (2) educational aspects including the descriptive and analytical material from which the teacher may choose that which is best suited to her needs

4160 Mattson May M Home attitudes and practices of the girls in the continuation school of Newburgh N Y Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 91 December 1930 (Abstract)

This study was made to determine home attitudes and practices of continuation school girls in a small industrial city with the object of suggesting improvements in homemaking courses 152 subjects contributed to the lists obtained

4161 Mims Nell R Home economics development in Alaska Hawaii Porto Rico and the Philippines Master's thesis 1930 George Peabody college for teachers Nashville Tenn 89 p ms

4162 Nutty, Margaret The use of illustrative material in teaching foods and nutrition in secondary school Master's thesis 1929 Iowa state college Ames

4163 Obert, Myrl Jeannette Growth of home economics in state teachers colleges Master's thesis, 1929 George Peabody college for teachers Nashville, Tenn 41 p ms

4164 Parker Dolpha Out-of-school learning in home economics Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 96, December 1930 (Abstract)

A study of the differences in out-of-school learning concerning foods and clothing which exist among children when they enter the seventh and eighth grade home economics

classes and the influences associated with these differences. The investigation was carried out by means of tests of information and a short questionnaire. Food tests were given to 431 girls and 103 boys. Clothing tests were given to 299 girls.

4165 Peek, Lillian. Concerning adult education in homemaking. Austin Texas State board for vocational education 1929. 68 p. (Bulletin no 261 September 1929)

This bulletin is designed to assist local administrators, supervisors, leaders and teachers in organizing and establishing programs in homemaking education which will meet the special needs of their communities. Certain plans and policies are set up in the light of past experience and present beliefs.

4166 Perry Isabel and Coon Beulah. Comparison of the activities of mothers and their daughters in clothing to determine the basis of selection for problems in teaching clothing. Master's thesis 1929. University of Chicago Chicago Ill

4167 Phillips Velma. Evidences of the need of education for efficient purchasing. Doctor's thesis 1930. Teachers college Columbia university New York N Y

Gives results of a questionnaire filled out by 99 high school students and 123 adult consumers. An analytical study of consumers' difficulties in choosing and buying clothing and home furnishings for the purpose of formulating practical suggestions for successful buying.

4168 Poole Myra and Friant Regina J. Relationship between home economics in high school and the number of girls who continue in school. Master's thesis 1929. Iowa state college Ames

4169 Putnam Ernestine and Kyrk, Hazel. Survey of the place of the economic studies in the home economics curricula. Master's thesis 1929. University of Chicago Chicago Ill

A study of early influences. Schools existing at the time of the American occupation. Schools founded by the U S Office of education and home economics in these schools. Findings. What is to-day called home economics was already established in these territories at the time of American occupation. It had been introduced for different reasons. In Alaska it was to clean up the Eskimo and his igloo and to teach him to cook. In the Spanish territories it was to answer the Spanish love for luxury and needlework. To-day its scope has been broadened and it is required in the grades of each territory. It is offered in high school and in each instance there is an institution of higher learning that offers advanced work.

4170 Reid Beneta. The present status of organization for teaching home economics courses in secondary schools. Master's thesis 1929. Colorado state teachers college Greeley 75 p.

4171 Rennells Jessie M. A study of the home economics department of the Ithaca senior high school. Master's thesis [1930]. Cornell university Ithaca N Y

4172 Rose, Helen. Textile knowledge of girls in the junior and senior high schools of Lawrence Kans. 1930. Master's thesis 1930. University of Kansas Lawrence

4173 Russell Mrs J C. A short unit in a high school course in clothing justified by the consumers' increasing demand for fur. Master's thesis 1930. Colorado state teachers college Greeley

4174 Rust Lucile. Study of the homemaking interests of a group of high school girls. Master's thesis 1929. Kansas state agricultural college Manhattan

4175 Saar Vera Christine. A study of the time cost and materials for construction problems in high school clothing classes. Master's thesis 1930

University of Colorado Boulder University of Colorado studies 18 101-102  
December 1930 (Abstract)

A study of the construction problems made in high school clothing classes in grades 9-12. In regard to the number the kind the cost the time consumed in making and the materials used. The study embraces also the textbooks used. Data were secured from 21 schools in nine different states during the school year 1929-1930 by means of record cards which were filled out by pupils and by means of questionnaires which were filled out by teachers of these pupils. The investigation included 550 first semester pupils and 689 second semester pupils.

4176 Schopmeyer, C H. Analysis of the managerial responsibilities of the farm home maker. Washington United States Department of agriculture Extension service 1929 115 p.

The study was made to help extension workers develop a home-management concept and select important subject content in the development of a county home-economics extension program. The study shows the composite nature and the interrelations of the elements of the home makers job.

4177 Smith Myrtle Ellison. Food program for home demonstration work in 11 Southern states. Masters thesis 1929. George Peabody college for teachers Nashville Tenn. 221 p. ms.

4178 Sowers Mary Alice. The correlation of the economic aspects and nutritional values of food. Masters thesis 1930. University of Cincinnati Cincinnati Ohio 118 p. ms.

Presents the results of a study into the relative money costs of various foods which furnish the same amount of nutriment as indicated by calories minerals vitamins and other food values and presents the data in such form that they may be used in food lessons. Foods were classified as sources of energy protein minerals and vitamins. The psychological factors upon food selection were considered. Data have been organized and presented in a form adaptable for use in lessons in nutrition and marketing for use in schools colleges or by social workers.

4179 Stark, Saidee Ethel. Development of criteria for the educational evaluation of advertising material used by home economics workers. Doctoral thesis [1930]. Teachers college Columbia university New York N. Y. New York N. Y. Association of national advertisers 1930 184 p.

The printed study was published under the title How schools use "advertising" material: a study of the use of advertising material by teachers in schools and colleges and by home economics workers.

Data were compiled from 260 answers to questionnaires from home-economics workers from all states letters from 47 state superintendents of education personal conferences with home economists and advertising experts and previous published and unpublished studies on advertising material used by home-economics teachers. Findings: Among types of educational advertising material are some that can not be obtained in any other way which are of great value. Types found most valuable vary with the age and grade level of those with whom they were used. Some valuable types are large charts booklets colored illustrations up-to-the-minute material in costume and textile styles etc. Twelve criteria were considered of importance in judging educational advertising material by at least 70 per cent of the 260 home economists returning questionnaires. They include: reliability of statements; timely data; preparation by trained experts with modern educational point of view; apparent purpose social welfare more than commercial profit; principles of art applied; and provision for individual growth or development.

4180 Strowig, Nell McCrumb. A course in clothing and home problems for the junior high school. Masters thesis 1930. University of California Berkeley 62 p. ms.

A study was made in Salt Lake City to determine what should be included in a course in clothing and home problems for the junior high school. The course to be such that it could be used in any local community and composed of one year of two semesters with five one-hour periods per week. Gives outline of course.

4181 Swift Mildred L. A study of collegiate recognition of secondary home economics. Masters thesis 1930. Cornell university Ithaca N. Y. 47 p. ms.

Of 104 institutions studied only four refused to accept the elective entrance credit. Maximum credit in this study was seven average two and seven tenths and minimum five tenths. A credit in secondary home economics is measured quantitatively and qualitatively by the same standards as all other secondary subjects.



4182. Tatum Nannie Ella. Development of home economics in state teachers colleges of Missouri. Masters thesis 1929. George Peabody college for teachers Nashville Tenn. 142 p ms

4183 Texas. State department of education. Course of study in home economics for Texas rural schools adapted and arranged. Austin 1929. 89 p (Bulletin no 263)

4184. Tillory Susan Elizabeth. Survey of vocational education in home economics in the all-day schools of Missouri. Masters thesis 1929. University of Missouri Columbia

4185. Tucker Bernice Alvina. A study of the qualifications essential for leaders in home economics education to determine a basis for finding prospective leaders. Masters thesis 1929. University of Chicago Chicago Ill

4186 United States. Federal board for vocational education. Vocational education in home economics. Twelve years of home-economics education under the National vocational education act. Washington D C 1930. 166 p (Bulletin no 151. Home economics series no 12.)

4187 Washington (State). Department of education. Home economics studies in junior and senior high schools 1930. Olympia 1930. 153 p

4188. Welch Lila M and Lingenfelter Mary R. Studies of the home economics curriculum: an annotated bibliography. 1930. Ohio state university Columbus. 40 p ms (Bibliographies in education no 1 June 1930)

This bibliography was made in order to collect information concerning the kind and extent of research that has been done on the home economics curriculum; the technique and methods used and the problems needing additional research. Practically all of the more comprehensive studies published since 1906 are included. The bibliography includes titles of theses from home economics departments in colleges and universities.

4189 Whitcomb Emeline S. Trends in home economics education 1926-1929. Washington United States Government printing office 1929. 22 p. (U S Bureau of education. Bulletin 1929 no 25)

Advance sheets from the Biennial survey of education in the United States 1926-1929

4190 ——— and Gibbs Andrew H. Home economics instruction in higher institutions including universities, colleges, teachers colleges, normal schools and junior colleges 1928-1929. Washington United States Government printing office 1930. 23 p. (Pamphlet no 3 March 1930)

4191 Wilcox Anna Elizabeth. Placement of home economics in the junior and senior high schools of Indiana. Masters thesis, 1929. Indiana university Bloomington. 99 p ms

4192 Wilson Winnie. An analysis of 20 high school clothing and textile textbooks. Masters thesis 1930. George Peabody college for teachers Nashville Tenn. 110 p ms

A study of clothing and textile textbooks being used at present in the southern states. Clothing construction and fabrics and their uses are the topics that receive the major emphasis in the clothing and textile study in high schools.

4193. Young Isabel. Report of the research and study committee of the Home economics teachers association. Raleigh North Carolina education association 1930

Findings. The Home economics teachers association has prepared a score card for rating home economics teachers on the basis of outside activities and contacts in schools. The various activities are given point values. The scores made by the individual teachers in the districts will be summated and the districts will compete for highest total scores. This score card will aid individual teachers in analyzing the effectiveness of their work and should do much to increase the public service rendered by home economics teachers.

See also G2 2272 2358, 4390 4399

## COMMERCIAL EDUCATION

4104. Anderberry, Christine Job Analysis and employment relations in store salesmanship basic to a course of study Masters thesis 1930 University of Southern California Los Angeles. ms

4105 Anderson Roy N Measurement of clerical ability a critical review of proposed tests Personnel journal 8 232-41 December 1929

The author describes batteries of tests in use for determining clerical ability and criticizes them on the points of criterion validity number of cases reliability and the concept general clerical aptitude

4190 Barnhart E W Vocational education for retail meat dealers; U S Federal board for vocational education Washington D C Washington U S Government printing office 1930

Study of the essential characteristics needed in an educational program for experienced retail meat dealers with two units of instructional materials for use in conference classes Conference method of instruction was found to be most suited to experienced adult workers

4107 Beers, Gertrude The development of curricular materials and a method of procedure in shorthand Masters thesis 1930 University of Nebraska Lincoln 143 p ms

Findings By a scientific construction of curriculum materials and the development of a method of procedure in teaching shorthand time can be saved and students interest increased

4198. Bernard, Louise A curriculum for a general salesmanship course. 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin November, 1930 (Faculty research)

4109 Blackstone, E G Research studies in commercial education IV Iowa City University of Iowa [1930] 240 p (University of Iowa monographs in education 1st ser no 11 January 1 1929)

This is the fourth volume in a series of research studies in commercial education It contains reports of the proceedings of the 1929 Iowa research conference on commercial education and the conference of the National association of commercial teacher training institutions which were held at the University of Iowa April 18-20 1929 It makes available to commercial educators the significant research studies in a series of complete reports which contain not only the conclusions reached by the various investigators but also the procedures used by the authors The studies deal principally with typewriting shorthand and training teachers for commercial subjects

4200 Brownfield, Lelah A comparative study of textbooks in secretarial practice Masters thesis 1930 New York university New York N Y

4201 Carmichael, Vernal Howard Objective measurement of accomplishment in typewriting of high school commercial pupils in Indiana Master's thesis 1930 Indiana university Bloomington 191 p

4202 Carr, Emma B Promotional opportunities in the field of stenography Masters thesis 1930 University of Iowa Iowa City 56 p ms

4203 Castle, Margaret A. A curriculum study for a general salesmanship course Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 241-42 November 1930 (Abstract)

4204 Cunningham, Verna M Some suggestions for linking commercial education with vocational needs Masters thesis 1930 University of South Dakota Vermillion. 75 p

4205 Dale, Edgar What business vocabulary shall we teach in junior high school arithmetic? School and society 31 850-52 June 21 1930

The author checked in four arithmetic textbooks the frequency of occurrence of business words in those sections which dealt with the investment of money The four arithmetic textbooks used 299 different business terms in their material dealing with investments in stocks and bonds. There was no agreement on 124 additional terms

The evidence is clear that without an objective list of words to which to turn the judgment of textbook writers as to the relative importance of business terms will vary greatly

4206 Daring Z. LaVerne Survey of commercial education in public city high schools of Ohio Master's thesis 1930 Ohio State university Columbus

4207 Dittmore Eldon Methods of teaching bookkeeping in Indiana high schools Master's thesis 1930 Indiana university Bloomington 125 p ms

4208 Ely Margaret Hawley A comparative study of the Gregg shorthand manual of 1916 with that of 1929 Master's thesis 1930 New York university New York N Y 234 p ms

Two texts are compared on the basis of theory of analysis vocabulary analysis of lists vocabulary analysis of connected matter and analysis of sentences. On the whole the manual of the 1929 edition is an improvement over that of 1916 but the improvement is not uniform in all of the four analyses. Certain weak points are noted and suggestions made

4209 Fleming Elizabeth A. A comparative study of the whole and part method of teaching the typewriting keyboard Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 40 p ms University of Pittsburgh bulletin 27 363-69 November 1930 (Abstract)

4210 Forsgard Fred G A study of bookkeeping in the secondary school 1929 Upper Darby high school Upper Darby Pa 40 p ms

study of the aims and objectives of the subject, administrative considerations equipment qualifications of teachers, course of study (content) and methods of presenting the subject

4211 ——— A study of commercial law in the secondary school 1929 Upper Darby high school Upper Darby Pa 75 p ms

A study of the aims and objectives of the subject, administrative considerations equipment qualifications of teachers course of study (content) and methods of presenting the subject

4212 George Guy Garus The relationship between maze learning and type writing learning Master's thesis 1930 Stanford university Stanford University, Calif

4213 Goodell Mame Eleanor Critical analysis of the placement of commercial high school students in Los Angeles Master's thesis 1930 University of Southern California Los Angeles ms

4214 Green Frederick Henry A standardized commercial law test for high schools Master's thesis 1929 University of Colorado Boulder 142 p ms

An objective test of 839 items (true-false case item and completion) Findings: Reliability for whole test 0.876 validity of test=0.17 correlation of test and teachers marks=0.486 distribution was negatively skewed

4215 Haynes Benjamin R The present status of elementary business training in the public junior high schools of New York State Master's thesis 1929 Packard commercial school New York N Y 84 p

4216 Helmstadter Carl W Some trends in commercial education in the Nebraska high schools Master's thesis 1929 University of Nebraska Lincoln 63 p ms

4217 Hill Luvicy Martha Some problems of commercial teachers in Nebraska high schools Master's thesis 1930 University of Nebraska Lincoln 110 p ms

Problems were submitted by 100 commercial teachers in Nebraska high schools. They were classified and analyzed with respect to size of school age college training teaching experience and professional training of teachers and helps asked for. Findings: Problems cover wide range of activities college and professional training has not given sufficient help or has not been emphasizing sufficiently the techniques and procedures whereby the teacher can learn to solve her own problems

4218. Holzman Minnette Sternberger A critical study of the proposed tests for the measurement of ability as salesmen Masters thesis 1930 Teachers college Columbia university New York N Y 79 p ms

A study of all the proposed tests for measuring salesmanship ability—to find out what tests if any do measure this ability Findings Thus far there is no one test that measures salesmanship ability

4219 Katenkamp C H Individualized instruction in bookkeeping Masters thesis 1930 George Washington university Washington D C 146 p ms

Two classes consisting of 33 and 27 pupils respectively were given individual instruction in bookkeeping using the Job sheet method Findings The Job sheet plan is more successful than the daily recitation method since it recognizes individual differences. Complete course of contract notes was prepared

4220 Keylor, William W A study of the needs for high school courses in business arithmetic and the topics that should be included Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 300-10 November 1930 (Abstract)

4221. Killgallon Katherine W A study of certain phases of commercial education in the approved high schools of Pennsylvania Masters thesis 1930 University of Pittsburgh Pittsburgh, Pa University of Pittsburgh bulletin 27 310-11 November 1930 (Abstract)

4222 King Lulu M Study of vocational demands made upon boys of 16 to 24 years of age by leading business establishments and how the commercial course of the high school may better meet these demands Masters thesis [1930] University of Denver Denver Colo

195 of the leading business firms of Denver have been interviewed to determine the character of work performed by boys of 16 to 24 years of age educational requirements for the work opportunities for advancement no number of boys employed

4223 Koontz, John Hillary A diagnostic test in Gregg shorthand Masters thesis, 1929 University of Colorado Boulder 92 p ms

A test covering the entire Gregg manual was administered to 1183 students then scored and correlated odd against even numbered items Findings Reliability =  $0.92 \pm 0.005$  correlation to teachers marks =  $0.47 \pm 0.15$

4224 Korngold Helen An experimental study of tests as a means of predicting speed in typewriting Masters thesis 1930 Washington university St Louis Mo

4225 Kufahl Gertrude M A commercial curriculum based on office equipment Masters thesis 1929 New York university New York N Y 67 p

A study based on the survey of office appliances devices and aids used in business by 150 pupils of the Jamaica continuation school These pupils were selected at random

4226 Lehmann Harold Theron The status of some phases of commercial education in 39 public senior high schools of New Mexico in 1929 Masters thesis 1929 University of Kansas Lawrence

4227 Lomax Beatrice Loyer A comparative study of the whole and part method of learning typewriting Master's thesis 1930 New York university New York N Y

4228 Loso Foster William The reliability coefficients of Carlson's bookkeeping tests 1 and 2 of series A Masters thesis 1929 New York university New York, N Y 54 p

4229 Lukes August J A reorganization of the commercial curriculum of Polo community high school in light of positions occupied by its graduates Master's thesis 1930 University of Iowa Iowa City 59 p ms

4230 McKeen Helen Ruth An analysis of the professional literature relating to the teaching of shorthand in secondary schools Masters thesis 1930 University of Southern California Los Angeles ms

4231 Malott J O Collegiate courses in transportation, business organization and management and marketing and merchandising Washington D C U S Office of education 1930 4 p 11 p 8 p ms (Circular nos 11 13 14)

These circulars contain data regarding collegiate courses reported by the colleges and universities or in published catalogues of such institutions listed in the Educational directory for 1929

4232 ——— Commercial education 1926-28 Washington United States Government printing office 1929 27 p (U S Bureau of education Bulletin 1929 no 26)

Advance sheets from the Biennial survey of education in the United States 1926-1928

4233 ——— Commercial education circulars nos 26-37 June 1929-September 1929 Washington D C U S Office of education 1929 10 pamphlets (mimeographed)

No 6 Directory of collegiate schools of commerce no 27 Collegiate courses in advertising no 28 Foreign trade and foreign service courses no 29 Cooperative part time courses in commerce and business no 30 Collegiate courses in reality no 31 Directory of collegiate bureaus of business research no 32 Collegiate courses in insurance no 34 Collegiate extension classes in commerce and business no 35 Collegiate courses in banking and finance no 37 Collegiate courses in accounting

4234 Marik Marie E A comparative study of the dictaphone method and the traditional method of learning typewriting Masters thesis 1929 New York university New York N Y 69 p

4235 Marshall Grace M Analysis of bookkeeping texts published in the last five years Masters thesis 1930 New York university New York N Y

4236 Maze Coleman L Principles of business organization and management Masters thesis 1930 New York university New York N Y

4237 Meairs Robin P Standardized commercial courses for high schools Masters thesis 1930 Stanford university Stanford University Calif 107 p ms

A study based on an examination of courses of study in different parts of the United States Discusses recognition of commercial courses in high schools and as accepted credits in universities the two leading objectives of commercial education standardized texts for commercial courses etc

4238 Meerwein Gertrude A study of bookkeeping textbooks their historical development and their relation to bookkeeping practice Masters thesis 1929 New York university New York N Y 105 p

4239 Meyer Harriet Louise A junior high commercial curriculum for the slow learning Masters thesis 1930 University of Denver Denver Colo 190 p ms

The IQs of the commercial pupils attending eight Denver junior high schools during the last semester of 1928 were tabulated for the purpose of obtaining information as to the number of slow learning pupils in each grade taking commercial subjects and whether or not a differentiated curriculum for the slow learning would be justifiable The course as outlined for the slow learning is rich in material which will not only be of interest and appeal to them but within their sphere of learning and comprehension. Most of the material calls for pupil activity and this in itself brings about a condition of contentment and dispels fatigue and discouragement

4240 Milne Thomas J Shorthand course of study 1930 Upper Darby high school Upper Darby Pa

A revision of the course of study in shorthand for the State of Pennsylvania Sets up objectives and outlines model daily lessons

4241 Minehart Lillian L The frequency of the recurrence of the one stroke the two three four and five stroke combinations in a word list based on a shorthand system Masters thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 340-41 November 1930 (Abstract)

4242. Noble M. C. S., Jr. Commercial teachers in the high schools for whites in North Carolina in 1929-1930 State department of public instruction Raleigh N C 1930 24 p ms

Shows the supply of and demand for white commercial teachers in the high schools of North Carolina and the amount and kind of training possessed by commercial teachers in the high schools for whites in North Carolina.

4243. Owens, Charles B. A survey of typewriting achievement at the end of the first year, speeds attained and errors made Master's thesis [1930] New York state college for teachers Albany

Findings Differences in age sex and incentive were particularly significant

4244. Phillips D E. Class shopping experiment Journal of applied psychology, 14 42-53, February 1930

A class in business psychology in Denver undertook to carry out some buying experiments in the various business establishments in the fall of 1929. Seven hundred twenty reports were made by prospective buyers. The students tell the effect made on them by the form of greeting dress, service knowledge of goods of the clerk.

4245. Pittsburgh, Pa. Public schools Department of curriculum study and research High school course of study in bookkeeping I II III & IV September 1928-November 1929 49, 54, 12 15 p ms

4246. ——— High school course in typewriting 1929-30 (Printed)

4247. ——— Occupational survey of commercial graduates drop-outs and evening school pupils Pittsburgh high schools Curriculum study and educational research bulletin 4 164-82 March-April 1930

Five hundred thirty five graduates and 179 drop-outs were interviewed making a total of 714 cases. Gives statistical tables showing the duties of commercial graduates at time of interview.

4248. Reynolds, Helen. A study of the status of commercial education in the public schools of Ohio particularly as it relates to the training of commercial teachers in that State Master's thesis 1929 New York university, New York N Y

4249. Rice, Louis A. A comparison of commercial education in New Jersey in 1928 with 1916 Master's thesis 1930 New York university New York N Y

4250. Riemer, Edwin. A revised keyboard for the typewriter Master's thesis 1929 New York university, New York N Y

A study based upon relative hand strength and individual relative finger strength coupled with order of frequency of letters of the English alphabet.

4251. Rowland, Ralph S. An experiment in teaching touch typewriting to pupils in the fifth and sixth grades Elementary school journal 30 533-33 March 1930

During the second semester of the school year 1928-1929 touch typewriting was taught to an experimental class of fifth and sixth grade children in Lincoln Nebraska. Nineteen pupils met after school five days a week for a session of 40 minutes for 15 weeks. Data indicate that typewriting had no effect on the physical growth of the children and that the educational experiences of the children were considerably enriched through the typewriting.

4252. Ruppert, Marie Louise. A survey of the commercial department of a Long Island high school and its surrounding business community Master's thesis, 1930 New York university New York N Y 62 p ms

The findings include data relating to guidance of pupils skill and character qualifications desired by business men and also office machine equipment kinds and number of positions etc.

4253. Ryan, Christopher Mathew. Some factors which influence the placement of junior clerical workers in New York City Master's thesis 1929 New York university, New York N Y 98 p

4254 Ryan, Mary S. Analysis of diagnostic tests and remedial teaching in jewelry-making study. Master's thesis [1930]. Cornell University Ithaca, N. Y.

4255 Salsgiver, P. L. The ability of pupils to estimate the accuracy of their knowledge in bookkeeping. Master's thesis, 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 360-70 November 1930 (Abstract)

4256 Schlagle, F. L. and Pate, Ethel. Reasons for failure—first grade pupils forecasting success in shorthand 1930. Board of education Kansas City Kans.

4257 Shaw, Ray Banker. Non vocational aims of commercial education in secondary schools. Master's thesis 1930. University of Southern California Los Angeles ms.

4258 Shields H. G. Some economic considerations in secondary school business education. School and society 31 607-609 May 3 1930.

From 1893 to 1924 high school commercial education has grown more rapidly than high school enrollment. Real wage studies of clerical workers indicate that the economic importance of this group is relatively declining and that the subdivision of tasks of clerical workers is carried on to such an extent that much clerical training may well take place on the job rather than at public expense. Clerical education should not be confused with general business education.

4259 Skene Etta C. The status of the teaching of business law in the States of Oklahoma and New Jersey. Master's thesis, 1930. New York University, New York N. Y.

4260 Smith, Harry David. Improvement of instruction in bookkeeping. Master's thesis 1929. New York University, New York N. Y. 54 p.

4261 Snyder, Lucille H. Survey of certain aspects of the commercial department. San Jose high school. Master's thesis 1930. Stanford University, Stanford University, Calif. 117 p. ms.

4262 Stedman, Melissa Branson. Factors influencing school success in bookkeeping. Journal of applied psychology, 14 74-82 February 1930.

The problem was to find the factors influencing success in bookkeeping and what relationship might exist between certain tests and bookkeeping grades. A group of 75 tenth grade students enrolled in the first semester of bookkeeping in the Bell high school of Los Angeles in September 1927, were studied and the results verified and checked upon another group of tenth grade students in the same school in the autumn of 1928. Conclusions: Children with an IQ below 60 should not be allowed to study bookkeeping. It is possible to predict with almost absolute accuracy the maximum possibilities of any student entering a class in bookkeeping by use of the modified form of the Thurstone clerical test and tests in the fundamentals of arithmetic. Health is absolutely necessary for a bookkeeper.

4263 ———. A study of the possibility of prognosis of school success in type writing. Journal of applied psychology, 13 503-15, October 1929.

Findings: No test was found to correlate highly enough with typing to make it possible to tell a child whether or not it would be worth while for him to take up typing as a vocation.

4264 Strauss, Harold W. The effect of general intelligence and achievement in arithmetic on success in bookkeeping. Master's thesis 1930. Rutgers University, New Brunswick, N. J.

4265 Taylor, Naomi. Production records in training. Master's thesis, 1930. University of Pittsburgh Pittsburgh Pa. University of Pittsburgh bulletin 27 395-90, November 1930 (Abstract)

4266 Tonne, Herbert A. Commercial teacher training curricula. Journal of educational sociology, 3 610-20, June 1930.

The curricula of all schools that offered commercial teacher training curricula that could be found were compiled and classified according to the type of work given the

types of schools in which the work was offered the number of years required by the curriculum and the year in the curriculum in which the various types of work were required.

4267 Washington (State) Department of education Commercial courses for the junior and senior high schools Olympia 1930 58 p

4268. White, Jesse Ewing What commercial curriculum of Pomeroy high school will best fit the needs of the business community of Pomeroy, Ohio? Master's thesis 1929 New York university New York N Y

4269 Wood Helen A survey of the commercial occupations of workers 14 to 30 years of age in the city of Terre Haute Ind Master's thesis 1930 Indiana university Bloomington. 94 p ms

4270 Worthington William E Educational adjustments for a metropolitan district commercial high school as based upon the employment experiences of its graduates Master's thesis 1930 New York university, New York N Y

4271. Young Shepherd An occupational survey of the commercial graduates of the three high schools of Terre Haute Ind Master's thesis 1929 Indiana university Bloomington 120 p ms

See also 147 320 1204 1961(7), 2064 2213 2368 3960 4332 4383

## PROFESSIONAL EDUCATION

4272 Austin Florence Olive History of the curriculum of the University of California medical school Master's thesis 1929 University of California Berkeley 104 p ms

An attempt to trace the curriculum of Toland medical college of San Francisco the University of California Medical college of Oakland and the Hahnemann medical college of the Pacific from the beginning through the various stages to the present enriched course of study offered by the University of California medical school which is a combination of the above Findings The present trend of medical education is towards increasing the years of premedical study including both scientific and cultural subjects increasing the years of medical study the number of departments courses and of electives so that a student may prepare for one of the following fields general practice specialist laboratory or research director and teacher of medical subjects

4273 Barrows Henry R. The effects of continuous academic work on the achievement of medical preparatory students Doctor's thesis 1929 New York university New York N Y

4274 Brennan Robert A professional course of education in the seminary curriculum University of Notre Dame Notre Dame Ind

4275 Brune Sister Athanasia A classification of the nurses training schools in the State of Missouri Master's thesis 1930 Loyola university Chicago Ill 162 p ms

4276 Castle Pearle Ida Contribution to the education of nurses from a study of normal children Master's thesis 1929 University of California Berkeley 31 p ms.

Describes a plan by which a study of normal children can be provided for students of nursing and analyzes and measures the influence of such a study upon the behavior of a nurse Findings The group taking the course improved not only in mechanics of nursing but in nursing points indicating a sympathetic consideration of the personality of the child

4277 Cheo Si Ping The vector calculus and engineering education in 1930 Master's thesis 1930 University of Southern California Los Angeles ms

4278 Colwell N P Medical education 1926-1928 Washington United States Government printing office 1929 14 p (U S Bureau of education Bulletin 1929 no 10)

Advance sheets from the Biennial survey of education in the United States 1926-1928



4279 Cotting Quincy A comparative study of the vocational requirements for pharmacists in the states of the Union Master's thesis 1930 University of Southern California Los Angeles ms

4280 Cowley, W H Personnel program for the college of veterinary medicine 1930 Ohio state university Columbus

\*4281 Cox, Rei Joseph G The administration of seminaries Master's thesis 1930 Catholic university of America Washington D C 54 p ms

4282 Hildebrand E Fritjof An engineering drafting course for the ceramic engineers at the New York state school of clayworking and ceramics Master's thesis 1930 New York university New York N Y 30 p ms

A survey of the colleges offering ceramic courses and the men in the ceramic field Findings All schools give general engineering drawing four give courses in ceramic design All men in the field reported that engineering drawing was very important in their work also that more time should be given to this subject

4283 Hurd A W Prognosis in engineering [1930] University of Minnesota Minneapolis. 19 p ms

4284 ——— Prognosis in medicine [1930] University of Minnesota Minneapolis 8 p ms

4285 Mitchell Claire Hobbies of a few professional men and women Master's thesis 1930 George Peabody college for teachers Nashville Tenn 52 p ms

This is a presentation of information on hobbies showing the kind of hobbies practiced popularity of hobbies time spent in practice cost and origin Findings Hobbies are generally practiced the majority of hobbies develop from childhood training new creative hobbies are being taken up by teachers

4286 Prall C E and Gerberich J R A study of student progress and elimination in the engineering college of the University of Arkansas 1930 University of Arkansas Fayetteville 22 p ms

A study of elimination causes and related factors from the college of engineering of the University of Arkansas for the years 1923 through 1929 Findings Approximately half of those who graduate from the engineering curriculum fail to secure their diplomas in the scheduled time of four years There is a high degree of persistence in attendance until graduation on the part of those who remain in school four years The engineering curriculum has relatively low holding power even for the freshmen who make grades of C or above in their first attempts at college mathematics Economic considerations and other nonscholastic influences play a part in elimination of students Twenty per cent of students are transferred to other colleges or institutions In spite of the more rapid elimination of those who get behind in the earlier semesters the remaining group carry a constantly increasing load of failed or unfinished subjects at the end of each succeeding semester

4287 Reed Alfred Z Review of legal education in the United States and Canada for 1930 New York city, Carnegie foundation for the advancement of teaching 1930 72 p

Includes a comparative table of requirements for admission to the bars of the 40 American states and Canadian provinces list of law schools within the same territory showing tuition fees attendance and principal educational features and comparative statistics of law schools since 1890

4288 Remmers H H A comparison of engineering freshmen over an interval of ten years. School and society 31 652-64, May 10 1930

Engineering freshmen at Purdue university were tested in November 1919 and in November 1929 and their grades compared Data indicate that engineering freshmen in 1929 are superior to those of 1919 with respect to scholastic preparation The observed superiority is probably to be credited to improved high school instruction The increase in freshman failures indicates an increase in the standards of Purdue university

4289 Resides G H Relative weights of mastery of various high school subjects in contributing to success in schools of engineering scores in standard

ized tests at the end of high school 1930 Pennsylvania state college State College

Records of 52 engineering students were used Pearson correlation and regression coefficients were used in calculations. Scholarship grades for one and one-half years were the criterion

4290 Swisher Idella Gwatkin The reorganization of medical education in the United States Doctor's thesis 1930 Brookings Institution Washington D C

4291 Thomas Andrew S Organization and development of the preparatory seminary in the United States Masters thesis 1930 Catholic university of America Washington D C 50 p ms

4292 Wilson Florence K A program of health for student nurses. Master's thesis 1930 Western Reserve university Cleveland Ohio ms

The purpose of this study was to construct a health program for student nurses A study of the health habits of nurses was made from questionnaires submitted to the nurses and statistics of minor ailments and diseases obtained from three schools of nursing

4293 Winfield Oscar A The control of Lutheran theological education Masters thesis 1930 Yale university New Haven Conn

4294 Worthing Warner B A handbook of vocational information on the professions Masters thesis [1929] Ohio state university Columbus 145 p ms.

This study covers the following professions accounting architecture chemistry dentistry engineering law librarianship medicine ministry nursing pharmacy private secretary social service teaching

4295 Zehmer George B and Witsler George W Post graduate medical education in Virginia University of Virginia 1930 68 p (University of Virginia record Extension series vol 14 no 10 April 1930)

The authors first outline the various plans of continuing instruction for the general practitioner then show the needs and desires of Virginia physicians in respect to post graduate education as revealed in their answers to a questionnaire and third propose a program of post graduate medical education in Virginia

4296 Zerfoss Karl P The background and experience of the theological students Masters thesis 1930 Yale university New Haven Conn

See also 2537

## CIVIC EDUCATION

4297 Burke Blanche A course of study in civics for the elementary grades Master's thesis 1930 Duke university Durham N C

4298 Cowan Glenn Thomas Test items on a single textbook in American government Master's thesis 1930 University of Iowa Iowa City 74 p ms

4299 Damon Russell Ingram Civic information possessed by Chicago and Peoria children Masters thesis 1929 University of Chicago Chicago 111 107 p ms

A comparison of civic information possessed by sixth grade pupils in Chicago and Peoria to see if there is a similarity in nature and amount. Findings For comparable groups the amount is about the same for all groups the nature of the information is the same

4300 Doherty Eleanor Merritt A study of the citizenship point plan as operative in the high schools of California Master's thesis 1930 University of California Berkeley 76 p ms

A study to determine the present status of the citizenship-point plan (any scheme whereby students are given or lose definite points for scholarship service conduct or all three and where permanent records are kept) in California high schools and the influence of various factors on the success or failure of the plan Findings 117 of

320 high schools responding use the citizenship point plan—58 per cent of the large schools 46 per cent of the medium sized schools and 19 per cent of the small schools. Of plans adopted 21 per cent have failed in small schools 7 per cent in large schools and 5 per cent in medium schools. Personal approval of citizenship-point plan was given by 115 principals with experience in its use modified approval by 5 and disapproval by 0.

4301 Doug Leroy Lowry Citizenship devices used in the senior high schools of California. Master's thesis 1930 University of Southern California, Los Angeles 72 p. National education association. Department of secondary school principals bulletin 34 166-108 January 1931 (Abstract)

The author examined existing forms of high school merit systems in an attempt to find one which will be satisfactory from the standpoint of school citizenship. He outlines an original system which is in successful operation at Garden Grove high school. Replies to a questionnaire which were received from 262 principals of senior high schools in California were studied and analyzed.

4302 Eckert Robert Emmet A measurement of civic growth of pupils in the upper grades of the Dubois county schools. Master's thesis, 1930 Indiana university Bloomington 104 p. ms.

4303 Forney Earl Bryan The administration of the high school with relation to the social civic education of its pupils. Master's thesis, 1930 Indiana university Bloomington 110 p. ms.

4304 Gerig Daniel S. The history and activities of the Federal council of citizenship training. Master's thesis 1930 University of Chicago Chicago Ill.

An investigation into the origin of activities and results accomplished by the organization in the Federal departments of the government under the Federal council of citizenship training from its organization to August 1929.

4305 Leavenworth Kans. Public schools. A study of the correlation obtaining between academic and citizenship grades and between academic grades and intelligence quotients in the Leavenworth public schools 1930 16 p. ms.

Shows that a high correlation exists between ability in the academic subjects and intelligence quotients and that there is a comparatively high correlation between citizenship and scholarship.

4306 Lehman C. O. Illustrative material for civics. Educational research bulletin (Ohio state university) 8 311-15 October 9 1929.

Ten junior high school textbooks in civics were selected for this study. The amount of space allotted to illustrative materials in these texts in proportion to the total content ranges from 6 to 24 per cent.

4307 Martyn Margaret V. A critical analysis of four semi scientific methods of determining content in civics. Master's thesis 1930 College of the City of New York New York N. Y. 110 p. ms.

Periodicals political party platforms critical books and judgments of representative citizens were studied. Findings: The first and third methods mentioned were found to be relatively better than the others although none was found totally adequate.

4308 Nagy, Esther Mary. The use of the newspaper for effective civics teaching in the first term of high school. Master's thesis 1930 College of the City of New York New York N. Y. 73 p. ms.

New York City pupils were investigated by means of observation test and questionnaire.

4309 New York (State). Department of education. A tentative syllabus in economic citizenship. The brightness of living. Albany University of the State of New York press 1929 90 p.

This outline has been developed in response to a request for material of a social science character emphasizing individual and group economic responsibility and adapted to the needs of boys and girls in the earlier levels of the secondary school period.

4310 Petterson Clara M. Present status of instruction in the Constitution of the United States in California secondary schools. Master's thesis 1930 University of Southern California Los Angeles. ms.

4311 Pittsburgh Pa. Public schools Department of curriculum study and research Qualities of a good citizen. 1930 4 p ms.

This contains a tabulation of the qualities of a good citizen as derived from several sources.

4312 Rogers, Camillus Walter Nationalistic propaganda through contests Master's thesis, 1930 Stanford university, Stanford University, Calif

4313 Singleton, George G The government of Georgia, a supplement to Hughes' Elementary community civics [Boston Mass] Allyn and Bacon [1930] 80 p

4314 Stahlser, Dewey A The relation between the civic information possessed by ninth grade pupils and their practices in citizenship School review 37 697-706 November 1929

A study was made of 120 ninth grade pupils in the junior high school at South Haven Mich during February and March 1929. The character and extent of the civic deficiencies of the pupils were measured by direct observation. Nearly half of the civic deficiencies observed pertain to whispering or talking aloud without permission of the teacher in charge. All the civic deficiencies observed were possessed to some extent by the better groups as well as the poorer groups. Results of the test showed that the pupils possessed the greatest amount of knowledge about topics which deal with local affairs or that come within the range of their everyday experiences. Data indicate that the possession of a greater amount of civic knowledge aided the pupils in their practices of citizenship in school.

See also, 579 1022, 1527, 1531, 1537, 1639, 3237 3735 4415 4557, and under Moral education, Social studies

### MILITARY EDUCATION

4315 Brown, Laurence H A consideration of the citizens military training camps as a factor in the older boys' program Masters thesis 1929 University of Notre Dame Notre Dame Ind

4316 Greens, Charles R. Practices regarding Reserve officers training camp organization [1930] Public schools Denver Colo 8 p ms

Responses to questionnaires in cities over 150 000 showed that the work of the Reserve officers training camp organizations seems very satisfactory wherever used

### EDUCATION OF WOMEN

4317 Allison Annis Claybrooke Recording systems of deans in secondary schools for girls Masters thesis 1929 George Peabody college for teachers, Nashville, Tenn 107 p ms.

4318 Andrews, Marie G Report of the research committee of deans of women of the North Carolina education association 1930 North Carolina education association, Raleigh

This is an attempt to work out a blank which could be used by high school deans in recommending girls to college and for college deans in sending reports back to the high school.

4319 ——— A time questionnaire study Personnel journal 9 72-76 June 1930

Data were secured from over 700 students at the North Carolina college for women on the use of their time for a week. The results show a constant decrease in the number of hours spent from freshman to senior year in curricular activities and an increase in hours spent in extracurricular activities.

4320 Andrus, Ethel Percy The development of an educational program for the high school girl based on a critical study of her nature and her needs Doctor's thesis 1930 University of Southern California Los Angeles

4321 Armentrout Lois L. A study of problem experiences of senior high school girls with a view to the construction of a program of Christian education. 1929 Presbyterian training school Chicago Ill

A collection of 5 000 authentic descriptions of problem experiences their interpretation and classification to discover norms of moral development and standards for curriculum construction

4322 Banks Dorothy J. The adolescent girl in literature and psychology Masters thesis, 1930 University of Chicago Chicago Ill

A critical analysis of the traits of adolescence mentioned in diaries biographies fiction for girl readers and fiction for adults and a comparison of the literary treatments of the adolescent girl with the psychological studies on the same subject

4323 Beane James Cecil. A survey of the Indiana girls' school, Clermont, Ind. Master's thesis 1929 Indiana university Bloomington 168 p ms

4324 Beaumont Dorothy Dean. The status duties and procedures of deans of women in relation to the educational and vocational guidance programs of colleges and universities. Master's thesis 1930 University of Southern California Los Angeles ms

4325 Bellamy, Raymond. Grades given at the Florida state college for women. *School and society* 32 102 103 July 19 1930

This study was made in order to determine the amount of agreement among the instructors as to the scholarship of the different students. All the grades given during the first semester of the year 1922 1923 were used as a basis for investigation

4326 Blanton Annie Webb. College women in Texas 1930 University of Texas Austin

4327 Bollin Mary Louise. Determination of the interrelations partial and multiple between various anthropometric measurements in college women. Doctor's thesis 1930 Teachers college Columbia university New York, N. Y.

Data for this study were obtained at Wellesley college. The measurements of 815 students finally used were weight height width of hips depth of chest width of chest bicipital width. It was found that the skeletal measurement of height is inadequate as a determinant for predicting weight in girls of 18.5 years. Individual differences in chest and hip measurements are decidedly more significant than height in determining weight expectancy at the late adolescent age.

4328 Bollinger Vera E. A study of the functioning of deans of girls in secondary schools. Master's thesis 1930 University of North Dakota Grand Forks. 65 p. *School of education record* 16 91-94 December 1930 (Abstract)

This study stresses and emphasizes the professional preparation and experience of deans of girls in secondary schools. One hundred and eighty six persons classified as deans or advisors of girls and members of the National association of deans of women furnished the data for the study. The study shows that the office of dean of girls can be adapted to and can render a valuable service to all high schools.

4329 Brill Winifred. The status of the high school dean of girls. Master's thesis 1929 Indiana state teachers college Terre Haute 48 p ms.

4330 Brown Georgia. Comparative study of women in occupations. Master's thesis 1929 Teachers college Columbia university New York, N. Y. 90 p ms

4331 Byrne Mrs Esther Felton. A comparative study of girl reserves with non girl reserves in the Orange union high school. Master's thesis 1930 University of Southern California Los Angeles ms

4332 Cavan Ruth Shonle and Cavan Gordan True. Education and the business girl. *Journal of educational sociology* 3 83-93, October 1929

A group of Chicago business girls were studied with reference to age salaries marital status intelligence social background etc

4333 Charters W W Women's education, a functional study [1929]  
 Stephens college Columbia Mo 472 p ms

An analysis of the activities of a large group of college graduates (women) in 37 States of all ages and occupations

4334 Cobb Ethel M Legal and administrative aspects of standardized dress regulations for high school girls Masters thesis 1929 University of California Berkeley 30 p ms

This is an attempt to bring together data bearing upon the arguments for and against uniform dress for high school girls Findings Uniform dress is successful only if the proper attitude of school spirit is created among the girls and parents and if it is initiated and enforced by a large majority of the girls Legally a girl can not be forced to wear a uniform The trend of dress for high school girls is definitely away from standardization

4335 DeLay Emma Grace Education of girls in secondary schools of the United States Masters thesis 1929 Indiana university Bloomington 115 p ms

4336 Gaw Esther Allen Techniques used in the office of a dean of women Educational research bulletin (Ohio state university) 9 280-323 May 28, 1930

The evaluation of the various factors in the social economic and emotional development of the student A description is given of seven survey studies the evening activity card the personality traits check list the freshman clothing budget sorority costs scholarship loans part time work and the general questionnaire Schemes for surveying student houses and for rating the head residents are given

4337 Goodsell, Willystine A study of the size of family among a group of college and noncollege women Study undertaken independently but reported on at the annual meeting of the American sociological society Washington D C December 1929

The investigation included 489 college women and 469 noncollege women of the same social class and similar age range The findings show a tendency to family limitation in both groups The college group had an average of 15 children per marriage the noncollege group had 170 children per marriage or 33 more in absolute numbers In the college group one child was born in every 5.25 years In the noncollege group one child in every 6.11 years The average age at marriage of the college group was 24.7 years of the noncollege group 23.46 years So far as this study goes it shows that college education is a relatively unimportant factor in family limitations

4338 Herriott, Jesse S Physical development of college women 1904-1928 Research quarterly of the American physical education association 1 46-53 March 1930

Summarizes the results of a study of the physical development of college women for the purpose of determining the increase or decrease of the average age weight height lung capacity and obtaining a classification for general fitness The records of 1478 students of McGinn university from 1904-1928 were studied

4339 Herzog H S Study of strength and endurance of high school girls Masters thesis, 1930 Temple university Philadelphia Pa

An attempt to study the strength of high school girls in relation to age height and weight

\*4340 Leonard Mrs Eugenie Andruss Concerning our girls and what they tell us or a study of some phases of the confidential relationship of mothers and adolescent daughters Doctor's thesis 1930 Teachers college Columbia university New York N Y New York city Teachers college Columbia university 1930 192 p (Contributions to education, no 430)

The purpose of this investigation was to study those phases of the confidential relationship existing between mothers and adolescent daughters that could be analyzed through the questionnaire method of approach A questionnaire consisting of 539 different situations was given to the girls of the Wadleigh high school and the Wadleigh high school annex New York City and to a small group of cooperating adolescent friends Findings Data seem to indicate that girls tell their mothers about half of their aspirations ideals and experiences with religious ideas

4341 McCurley Mary Thomas A five year study of the occupational distribution of the class of 1922 of Goucher college Master's thesis 1930 University of California Berkeley 40 p ms. University high school journal 10 256-57 December 1930 (Digest)

A study of those years immediately following graduation from college in the hope of learning facts of importance regarding the vocations entered by young graduates some of the influences which led to the choice of vocations and the continuity in pursuing the work Findings The trend is away from teaching and toward business, away from living unmarried at home and toward a greater number of marriages

4342 Moffit, Constance Pauline The girl grows up A study of the development of personality in girls 10 and 12 years of age Master's thesis 1930 Catholic university of America Washington D C 62 p ms

4343 Parker Norma Alice The girl grows up A study of the development of personality in girls 14 and 16 years of age Master's thesis 1930 Catholic university of America Washington D C 66 p ms

4344 Paxson Marie Johnson A study of will temperament of junior and senior high school girls Master's thesis 1929 University of Chicago Chicago Ill

4345 Rogers Harriet N Psychogalvanic and association time differences in emotional responses between young women with and without physical training Master's thesis 1930 Ohio state university Columbus 24 p ms

A study of 50 junior and senior women at Ohio state university 25 with physical education and 25 without.

4346 Shaefer, Harold L Discovering courses for girls' dislike for history and social sciences Master's thesis, 1929 Bucknell university Lewisburg Pa

A questionnaire study of attitudes toward history and social sciences with suggestions for correcting wrong attitudes

4347 Thomas Ruth Marie A comparison of the views of Plato and Rousseau concerning the education of women Master's thesis 1930 New York university New York N Y 65 p ms

Findings Plato and Rousseau are antagonistic in their views concerning the education of women In Plato's system women are to be trained to share with men the duties of government They are to be the companions of men Rousseau's education for women fits them to cater and to be pleasing to men

4348 Tibby, Ardella Bitner Some problems of a dean of women in a junior college Master's thesis 1929 University of Southern California Los Angeles 127 p National education association Department of secondary school principals bulletin 34 24-25 January 1931 (Abstract)

The function and duties of a dean of women and methods of performing some of the major duties

4349 Tousley, Charles V Study of the elementary pupils (girls) in the Springfield schools for six years 1930 International young men's Christian association college Springfield Mass

4350 Ward Eileen The girl grows up A study of the development of personality in girls six and eight years of age Master's thesis 1930 Catholic university of America Washington D C 55 p ms

4351 Wirt Helen Lucille The office of the dean of girls in the senior high schools of California Master's thesis 1929 University of California Berkeley 109 p ms

A study of the duties and functions of the dean of girls in the senior high schools of California Findings (1) Sixty-one per cent of senior high schools in California have a dean of girls (2) of deans who teach most of them teach English (3) salary in larger schools is above that of classroom teachers (4) nature and extent of dean's duties depends on time and assistance given her In larger schools with title of vice-principal she takes on many administrative duties in addition to regular counseling placement, health guidance etc

4352 Woodhouse Chase Going, and Ycomans, Ruth F Occupations for college women. A bibliography Greensboro N C Institute of women's professional relations North Carolina college for women 1929 200 p Supplement no 1 February 1930 86 p ms. Supplement no 2 February 1931 22 p ms

A complete bibliography of books and periodical titles dealing with occupations for college women classified under 20 heads also chapters on personnel work in colleges problems of professional women vocational tests lists of periodicals and organizations

4353 Wu Shu Pan A study of higher education for women in the United States Master's thesis 1930 Stanford university Stanford University Calif

4354 Young Elizabeth Barber The curriculum of the woman's college of the Southern states Doctor's thesis 1930 Teachers college Columbia university New York N Y

Data were collected from three types of women's colleges in the South seminary separate college for women woman's college coordinated with a university all of which are non-state-supported liberal arts colleges having membership in the Association of colleges and secondary schools of the Southern states and are with one exception the result of denominational interest and endeavor The historical development of the educational programs and the subject matter of the curricula were studied. The teaching force size of classes and methods of instruction were analyzed and the entrance and graduation requirements of the various types of colleges were compared. Findings The curriculum of the woman's college in the Southern states harmonizes as it has in the past with the curriculum of the American arts college The organization and the kind and number of subjects required for entrance and graduation are fairly uniform

4355 Zehner Dorothy College opportunities for gifted senior girls. Master's thesis 1930 New York university New York N Y 126 p

An intensive study of 50 colleges in respect to educational (honors courses) opportunities for gifted senior girls

See also 153 156 164 178 179 246 1615 2256 2934 3252 3330 3373 3846 3916 4009 4373 4389 4457, 4600 4646 4691 and under Home economics Sex differences

## EDUCATION OF RACIAL GROUPS

4356 Bohr Joseph W Present status of Catholic education among the Indians of the United States Master's thesis 1929 Catholic university of America Washington D C

4357 Burcham Lena M A study of the student activities discipline and social life of students at Salem Indian school (Oregon) Master's thesis 1930 University of Oregon Eugene Co p ms

A short history of the school and a study of the industrial department academic athletic and musical departments student societies question of adjustment to American life etc Findings Lack of contact with child after leaving school more individual attention needed music should be established as regular curriculum more physical education necessary and better modern library needed

4358 Davis John Benjamin Public education among the Cherokee Indians Peabody journal of education ~ 168-73 November 1929

Describes the schools maintained by the Cherokee nation for Indian children without federal aid or supervision supported by tribal funds and conducted from 1801 to 1898

4359 De Francesco Domenic The intelligence of the second generation of Italians Masters thesis 1930 University of Rochester Rochester N Y 235 p ms

Presents the historical background of Italian immigration critically evaluates former studies of comparative intelligence and adds significant data of sociological and economic factors as well as language handicap which effects interpretation of data Findings Italians score significantly inferior on all phases of intelligence tests which involve language as compared with on language elements Socio-economic status is also significant in determining relative intelligence.



4360 Denver Colo Public schools Department of research Comparative intelligence ratings of pupils in two elementary schools one primarily made up of negroes and the other of Mexicans 1930

4361 Johnson Harper Daniels The intelligence and achievement of Mexican children. Master's thesis 1929 University of Denver Denver Colo 60 p ms

Six hundred and eighty three children from the fourth through the ninth grades were given the Otis classification tests. The problem was divided into the following points: (1) What is the relationship between the school and achievement? (2) What is the relationship between the school and mental ability? (3) What is the relationship between the mental ability and achievement? (4) What is the relationship between the chronological age and mental ability? (5) What is the relationship between the chronological age and achievement? (6) What is the relationship between the chronological age and the school grade? etc. Pupils were tested from the public schools of El Paso Tex. Santa Rosa and Vaughn N Mex and the Immaculate Conception school in Las Vegas N Mex

4362 Lane Russell Adrian The legal trend toward equalization of racial opportunity for education in the United States. Master's thesis 1930 Indiana university Bloomington 240 p ms

4363 Linthicum John Buren The classification of Spanish American beginners in an Albuquerque public school. Master's thesis 1930 University of Southern California Los Angeles ms

4364 McAnulty E. Alice and Tritt Jessie Nationality survey Public schools Los Angeles Calif [1930]

4365 Manuel Herschel T The education of Mexican and Spanish speaking children in Texas. Austin University of Texas 1930 173 p

A survey of existing conditions in regard to Mexican and Spanish speaking children in Texas setting forth the number and distribution of Mexican children educational provisions school enrollment and attendance and problems in teaching English to these children. The historical ethnological and social background and the personality of the Mexican child are taken up

4366 ——— and Wright Carrie E The language difficulty of Mexican children. Pedagogical seminary and Journal of genetic psychology 30 459-68 Sept-emb 1929

Tests were given to 609 high school students and 907 college students enrolled in classes studying the Spanish language or literature. Ninety per cent of these students spoke the Spanish language as their native tongue

4367 Pau Ruth M A study of the characteristics of Chinese children from three to six years of age in a kindergarten in New York and some comparisons with American children of pre-school age. Master's thesis, 1929 New York university New York N Y 64 p

4368 Pratt Helen G Some conclusions from a comparison of school achievement of certain racial groups. Journal of educational psychology 20 661-68 December 1929

In 1924 and 1925 Standard achievement advanced examinations were given children in the Japanese Chinese Hawaiian and part Hawaiian groups in schools in Hawaii. It was found that the school achievement of the Chinese over other groups is real that Japanese and part Hawaiian reach about the same level in school achievement and that the Hawaiian falls below the other groups. The author suggests that this is proof of the existence of an unsuitable school environment and the need for curriculum changes

4369 Ream, Glen Orville Spanish speaking pupils in the high school at Albuquerque N M. Master's thesis 1930 Yale university New Haven Conn.

4370 Telford C W Differences in responses to colors and to their names some racial comparisons. Journal of genetic psychology 37 151-59 March 1930

4371. Vincenty, Nestor I. Racial differences in intelligence as measured by pictorial group tests with special reference to Porto Rico and the United States. Doctor's thesis, 1929 Harvard university, Cambridge, Mass 202 p ms  
This study was started with three major ends in view: First, to ascertain the adequacy of pictorial non language group intelligence tests for the measurement of mental differences between Porto Rican and American children in their early years of childhood; second, to make a comparative analysis of the school educability of Porto Rico first grade children, aimed at determining the extent to which the main features of the American school system are applicable to the mentality of the school population; third, as a significant corollary to the first end, to investigate the validity of the pictorial non language testing technique for the measurement of racial differences in intelligence. Conclusions: It was found that the educable capacity of Porto Rican children can not be properly determined by means of the tests used in this study, which are specifically adapted to the United States, and not equally applicable to Porto Rico. Pictorial non language tests of intelligence, therefore, seem inadequate for the measurement of racial differences in mentality, and will remain so as long as the pictorial factor disturbs their validity.

4372. Waits, Logan A. The education of the Mexican in Texas. Master's thesis, 1930 Teachers college, Columbia university, New York, N. Y. 61 p ms

4373. Young, Constance. Newer methods of personal counseling in relation to work with Trinidad girls. Master's thesis, 1930 Teachers college, Columbia university, New York, N. Y. 39 p. ms

Survey of conditions as they affect the life of Indian girls with reference to the possibility of modifying the major difficulties. The study resulted in the realization of the value of a psychological approach to problems of maladjustment and showed the necessity of a program of adult education in any work with young people.

#### NEGROES

4374. Alverson, Roy Tilman. A history of Tuskegee. Master's thesis, 1929 Alabama polytechnic institute, Auburn

4375. Barnett, Ferdinand Leon. Negro and secondary education in Kansas. Master's thesis, 1930 University of Wichita, Wichita, Kans 153 p ms

4376. Beckham, Albert Sidney. A study of the intelligence of colored adolescents of different economic and social status in typical metropolitan areas. Doctor's thesis, 1930 New York university, New York, N. Y.

4377. Biele, Horace Waters. A study of the intelligence of a group of negro trade-school boys. Master's thesis, 1930 University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin, 27: 226-27, November 1930 (Abstract)

4378. Bond, James Arthur. Negro education in Kentucky. Master's thesis, 1930 University of Cincinnati, Cincinnati, Ohio 100 p ms

The author studies negro education in Kentucky historically. He studies elementary, secondary and higher education, teacher training and vocational education to determine the kind of education needed in the State, the financial capacity of the agencies administering education. Findings: Negro elementary education is administered by poorly trained and poorly paid teachers; the subject matter and methods are traditional. There are enough high schools but they need standardization. Vocational education is incomplete and sketchy, costly and inadequate personally and socially inefficient. Higher education is in a state of flux, there is no standard four year college in the State. Increased interest and leadership must be developed in this field.

4379. Bryant, Mrs Bessie D. The influence of education upon the negro's standard of living. Master's thesis, 1930 Tulane university, New Orleans, La 50 p ms

Findings: In general, a rise of the standard of living goes along with increase of opportunity for education.

4380. Caliver, Ambrose. A personnel study of negro college students. Doctor's thesis, 1930 Teachers college, Columbia university, New York, N. Y.

The social, economic, and intellectual background; scholastic achievement and interest, and extracurricular activities of 459 students who entered Fisk university during the

years 1926-1927-1928 were studied from freshman questionnaires student's application blanks high-school transcripts college transcripts of advanced standing students registrars' permanent record cards, etc. The influence of certain background factors seems to be definitely reflected in the trend of college enrollment at Fisk university and in the equipment which the students bring to college. Certain background factors seem to have a definite influence on the subsequent achievement of college students. The author recommends that further study be made of negro colleges along lines similar to the present study.

4391 Chippey Arthur. Study of teaching of science in negro secondary schools of North Carolina. Master's thesis [1930]. Cornell university, Ithaca N. Y.

From a study of 18 accredited negro high schools in 11 counties of North Carolina science teaching was found to be very inadequate in equipment, methods and curricular offering.

4392 Clement R. E. A history of negro education in North Carolina. Doctor's thesis, 1930. Northwestern university, Evanston, Ill.

A study of the attitudes of white and negro races and laws supporting negro education. Statistics are given showing the development of negro education in North Carolina.

4393 Colbert Everett H. A study of the nature and requirements of New York City clerical occupations open to negro men and women. Master's thesis, 1929. New York university, New York N. Y. 55 p. illus.

4394 Cooke Dennis Hargrove. The white superintendent and the negro schools in North Carolina. Doctor's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. Nashville, Tenn. George Peabody college for teachers, 1930. 170 p. (Contributions to education no. 73).

The history, organization, administration and supervision of negro schools in North Carolina, with a summary of conclusions and recommendations.

4395 Cooper, William Mason. Student teaching in negro state teacher training institutions in North Carolina and some recommendations. 100. Elizabeth City normal school, Elizabeth City, N. C.

A description of the present organization of student teaching courses in the three state teacher training institutions for negroes in North Carolina. Contains constructive proposals for the improvement of these courses.

4396 Cox John Fremont. A comparison of the intelligence of native white and negro male convicts, tested with the Stanford revision of the Binet-Simon scale and retested with regrouped forms of the same scale. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. University of Pittsburgh bulletin 27, 217-48. November 1930. (Abstract).

4397 Dinnick E. A. Occupational survey for colored boys in Pittsburgh. University of Pittsburgh school of education journal 5, 138-47. June 1930.

A fact finding survey was made in the fall of 1929 to study the employment opportunities for colored men and boys in the skilled and semi-skilled trades in Pittsburgh. To create additional vocational opportunities for colored boys, to gather tangible data for counselling colored parents and their boys, and to modify the vocational courses if necessary to meet the needs of the colored pupils.

4398 Fair E. L. Survey of the economic conditions of the negro graduate of North Carolina high schools, 1926-1927-1928. 1930. Agricultural and mechanical college, Greensboro N. C.

A study of the extent to which graduates are following the occupations for which they have been trained in school, the extent to which they are able to find employment in North Carolina, and the financial returns.

4399 Fairclough Alice Brown. A study of occupational opportunities for negro women in New York City. Master's thesis, 1929. New York university, New York N. Y. 67 p.

The purpose of this investigation was to discover what negro women are doing, their training for their work, their chances for promotion, what new lines of work, etc., with a view to finding out where they can be a service.

4390 Floyd Arthur The attitude of negro vocational agriculture and home economics pupils toward farming as a factor affecting the program of agricultural education Masters thesis 1929 Cornell university Ithaca N Y

4391 Graham James Larmour A quantitative comparison of rational responses of negro and white college students Doctor's thesis [1930] George Peabody college for teachers Nashville Tenn

1 A quantitative comparison of rational responses of negro and white college students Offprinted from the Journal of social psychology 19 0 p 9 1 1 2 A quantitative comparison of certain mental traits of negro and white college students. Offprinted from the Journal of social psychology 19 0 p. "67-80

4392 Hamilton Edward D A comparative study of the retention of pupils in the colored schools of St Louis Mo under (a) the 8-4 plan (b) the 6-2-4 plan (c) the 6-3-3 plan Masters thesis 1929 Northern university Evanston Ill

4393 Hawkins Mason A Frederick Douglass high school Doctor's thesis 1930 University of Pennsylvania Philadelphia

A 1-year period survey of a colored high school in Baltimore Md Notes specific trends toward higher levels final test was based upon results in vocation outcomes and individual adjustments lack of occupational opportunity in skilled work localizes a specific problem for the school

4394 Hullman James E Survey of negro colleges of North Carolina 1930 North Carolina state department of public instruction Raleigh

4395 Holt Q H Negro business in Greensboro N C 1930 Agricultural and technical college Greensboro N C

A survey of business establishments owned and operated by negroes in the city of Greensboro to determine (a) strength and weakness (b) possibilities and (c) suitable courses which Agricultural and technical college might offer in response to the business needs of the community

4396 Hudson John Homer White and negro educational opportunities in certain Arkansas counties Master's thesis 1929 George Peabody college for teachers, Nashville Tenn 78 p ms

4397 Kernodle Ruth Appetite and hunger among southern negro children Masters thesis 1929 Alabama polytechnic institute Auburn

4398 Kindle William H Physical education in southern secondary schools for negroes 1930 National council of the Young men's Christian association New York N Y

Questionnaires were sent to 77 schools Ninety-seven were returned representing 34 000 pupils and 148 teachers 57 of whom had some training Equipment includes two pools 15 gymnasiums 9 halls Sixty-one schools engage in intramural sports 0 in interscholastic sports Baseball involved 2 600 students basketball 2 000 football 1 900 Thirty-five schools require medical examination for all students

4399 Kittrell Flenmie P A study of home economics in negro high schools and colleges in North Carolina 1930 Cornell university Ithaca N Y

A study of the home-economics departments in the North Carolina high schools and colleges for negroes salaries of teachers and curricula for training teachers

4400 Lannagan C A A study of the comparative length of sentences of negro and white criminals Masters thesis 1930 University of Iowa Iowa City ms

4401 Lee Harold Fletcher Social problems of the negro in America Master's thesis 1930 University of Chicago Chicago Ill

In making this study it was desired to secure a complete list of the social problems of the negro in America and to discover the relative importance of these problems Recent literature was analyzed Resulting data were interpreted in terms of methods of teaching

4402. Lindsey, T T Do the white and colored races differ in mechanical ability? Peabody journal of education 7 160-63, November 1929

Tests of mechanical aptitude and mechanical ability were given to 100 white boys and to 100 negro boys in order to compare their mechanical ability The results of the study show that the white group made better scores than did the colored group on each of the tests There is a wider spread of scores about the mean for the negroes than for the white boys

4403 McAllister Jane Ellen The training of negro teachers in Louisiana Doctor's thesis 1929 Teachers college Columbia university, New York N Y New York city Teachers college, Columbia university, 1929 95 p (Contributions to education no 364)

4404 McGraw, Myrtle B A comparative study of a group of southern white and negro infants Doctor's thesis 1930 Teachers college Columbia university New York, N Y

The study purports to minimize the effect of environmental factors involved by restricting the life age of the subjects to the period of infancy Sixty colored babies and 68 white babies were selected at random from the infant population of Tallahassee Fla and studied Data indicate that white babies are superior to negro babies in terms of developmental achievement The same type and approximately the same degree of superiority is evidenced on the part of the white subjects as that found among older groups or even adults

4405 Maples Stuart Angus A comparative study of the mechanical ability of white and negro boys Master's thesis 1929 George Peabody college for teachers Nashville Tenn 46 p ms.

4406 Minard George Cann Education of the negro in the northern states Master's thesis 1930 New York university, New York, N Y

4407 Nathan Winfred B A survey of health conditions in Harlem Doctor's thesis 1930 New York university New York, N Y 310 p Shows the causes for increased death rate among negroes

4408 Newbold, N C, chairman Report of committee of investigation of certain phases of negro education in Louisiana 1930 State department of public instruction Raleigh N C 125 p ms

4409 ——— Report of committee of investigation of the teacher training facilities for negroes in Mississippi 1930 State department of public instruction Raleigh, N C 138 p ms

4410 ——— Report of the subcommittee on the negro school child in White House conference on child health and protection 1930 State department of public instruction Raleigh, N C 84 p ms

4411 North Carolina State department of public instruction, Raleigh [Scholarship and status of colored teachers in North Carolina 1929-1930]

This study covers the following subjects Index of scholarship for colored teachers number and certification of colored teachers number and salaries of colored principals, number and salaries of colored teachers and scholarships of colored teachers new to individual counties

4412 Parks, M Occupational survey of negro high school students 1929 Central colored high school Louisville Ky

One thousand four hundred and ninety six occupations of parents of Central colored high school students were listed and classified together with vocational choices of students The fact that 52 per cent of the students of the Central colored high school at Louisville Ky have selected the professions as vocations is significant In view of their opportunities for such work this disproportion in occupational objectives is lamentable and suggests that adequate occupational information is needed by the students in helping them choose an occupation wisely This information could be given through extracurricular activities or in the course of study Greater facilities might be provided for training in a large number of vocations

4413. Pechstein, L. A. Problem of negro education in northern and border cities. *Elementary school journal*, 30 192-99 November 1929

Reports the major findings of several researches on the education of the negro in cities and states north of the Mason and Dixon line. Data indicate that democracy in education is not likely to be reached in the northern cities studied since separation of the races in all walks of life is operating and seems likely to continue. aims of education may be best realized by negroes in separate schools, greater inspiration racial solidarity retention and educational achievement as well as superior social activities are possible for negroes in separate public schools, under a staff of well trained negro teachers the ideal separate public school for negroes will provide a closer parent pupil teacher relation as well as a clearer insight into treatment of mental deficiency social maladjustments special disabilities and irregularities in behavior.

4414 Price, J. St. Clair. The intelligence of negro college freshmen. *School and society*, 30 749-54 November 30 1929

Crude scores on intelligence tests were secured from 11 negro colleges and from 11 white colleges in the fall of 1927. In all of the negro colleges there were students capable of doing standard college work. Twenty per cent of the negro freshmen reach or exceed the median of the whites. At Ohio state university the difference between the scores of 70 negro freshmen and the 857 negro freshmen in seven negro colleges on the Otis test of mental ability was negligible being less than one point in favor of the latter.

4415. Riley, Herman Murray. A history of negro elementary education in Indianapolis, Ind., with emphasis on its preparation for citizenship. Master's thesis 1929. Teachers college Columbia university New York N. Y. 68 p. ms.

4416 Robert, Charles S. Negro education in Oklahoma, legal status and current practice. Master's thesis, 1930. University of Colorado Boulder. University of Colorado studies, 18 90 December 1930. (Abstract)

It is the purpose of this study to look into the more important legal provisions of Oklahoma to describe the conditions which exist to interpret the current practice resulting from these separate legal provisions and briefly to compare the status quo of Oklahoma negro education with negro education in other southern states.

4417 Stormont, Nancy Little. An experiment in negro education, being a survey of a mission school. Master's thesis, 1929. New York university, New York, N. Y. 85 p.

4418 Vashek, Anne. A comparative study of the abilities of whites and negroes. Master's thesis, 1930. University of Colorado Boulder. University of Colorado studies, 18 114 December 1930. (Abstract)

This study brings together data bearing upon racial differences between whites and negroes with a view to determining the relative mental status of the children of these races in public schools and resultant implications bearing upon the school progress of negroes.

4419 Whitlock, Sarah O. Survey of the negro pupils in the elementary schools of New Brunswick N. J., October 1929. Master's thesis 1930. Rutgers university New Brunswick N. J.

See also 68 696 1676, 3208, 4154 4360

## EXCEPTIONAL CHILDREN

4420 Cowen, Philip A. and Matthews, Eleanore Ross. Special class curriculum study. Albany, University of the State of New York press, 1930. 55 p. (University of the State of New York bulletin no 944 May 15 1930)

Presents in brief form the results of the analysis of current practices in regard to grouping pupils and in regard to the activities approximately used in each group, suggests teaching units and sources of teaching material.

4421. Delaney, Mary C. Deductions from a survey of the social and economic status of 50 pupils who have been trained in the special classes of Albany. Master's thesis [1930]. New York state college for teachers Albany.

Shows evidence of benefits obtained from work in special classes. Makes recommendations for handling special class children.

4422 Gill A W A survey of the opportunity school of Denver Colo 1930 University of North Dakota University

4423 Heck Arch O Special schools and classes in cities of 10 000 population and more in the United States Washington United States Government printing office 1930 33 p (U S Office of education bulletin 1930, no 7)

4424 Holbrook, Ethel, *Chairman* Report of the committee on study and research of the special class teachers association of the North Carolina education association [1930] North Carolina education association Raleigh

The report contains a somewhat detailed statement showing Ten reasons why special classes should be organized in the graded school systems of North Carolina This report was presented at the state meeting of the Association but it was decided not to release same until further study could be made

4425 Hutt Max Lewis Characteristic differences in the achievement of bright and dull pupils an analysis of research studies Master's thesis 1930 College of the City of New York New York N Y 121 p ms.

The facts and research methods employed are summarized and critically interpreted Marked limitations in technique are discerned in most of the studies

4426 McKibben Elsie A study of pupils supposed to have inferiority complexes Master's thesis 1929 Ohio state university Columbus 72 p ms.

Seventeen cases of junior high school pupils referred by their teachers as subjects for study were used Findings In one case from the 17 an inferiority complex was found. The remaining 16 cases represent maladjustment either in school or socially

4427 Richardson Robert M Jr Characteristic differences in bright and dull children Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 98-99 December 1930 (Abstract)

The purpose of this study has been to express in concrete form the great number of differences characteristic of bright and dull pupils and to suggest changes which will improve the curriculum and methods of instruction in the schools Data used for this work represent the opinions and experiments of more than 60 of the best psychologists and educators of modern times The facts show that the tendency toward brightness or dullness is inherited

4428 Santa Monica, Calif Public schools Research department Manual for special classes May 1930

4429 Trenton N J Public schools A survey and program for special types of education 1929 96 p

A survey of existing provisions for exceptional children in the city of Trenton and an administrative program designed to provide for their needs.

4430 Wallin J E W A brief survey of special education in the public schools of Baltimore Baltimore Md Department of education 1929 57 p

Gives some facts concerning the present organization of special classes for the physically and mentally handicapped children in Baltimore and makes recommendations for improvements based upon the findings

4431 ——— Differences in chronological age mental capacity and sex ratios of children referred from many school systems as candidates for special classes Journal of applied psychology 14 1-31 February 1930

A study was made of 1 019 consecutive cases examined in the St Louis psycho-educational clinic from September 1917 to May 1920 and 3 644 consecutive cases examined in about 70 school districts in different parts of the State of Ohio by the psycho-educational clinic of the Bureau of special education of Miami university from the fall of 1921 to the fall of 1927

#### GIFTED CHILDREN

4432 Brody, Alexander Modern tendencies of genius and their significance for experimental education Master's thesis 1930 New York university, New York N Y

4433 Carroll, Herbert A. and Hollingworth, Leta S. The systematic error of Herring Binet in rating gifted children. *Journal of educational psychology*, 21 1-11, January 1930

Eighty children between the ages of seven and 12 whose IQs on the Stanford Binet ranged from 133 to 190 were retested with the Herring test with a constant difference of -17.2 points in IQ for the group. Conclusions: Herring Binet is not an alternate for Stanford Binet in so far as gifted children are concerned. Invalidity rests with Herring Binet since it makes, on the average a minus error of prediction amounting to about 18 points of discrepancy between IQ and IQ.

4434 Coy, Genevieve L. The daily programs of 30 gifted children. *Journal of genetic psychology*, 37 123-38 March 1930

A study was made of 30 children who in June 1924 were enrolled in two special classes for the gifted in Public school 163 Manhattan New York City. Each child kept a record of how he spent each hour of the day for a number of days. Wide individual differences are shown in the times given to certain activities especially to play, reading, home study and transportation. Boys play on the average nearly an hour more per day than do the girls.

4435 Danielson, Cora Lee. A study of the effect of a definite course of reading in general literature upon achievement in content subjects with children of superior mental ability. *Journal of educational psychology* 10 610-21 November 1929

This study is based on complete test data on 27 elementary school pupils of the Los Angeles schools. Data indicate that the course of study and the methods in general use in the elementary schools do not produce in children of superior mental ability the level of achievement of which they are capable.

4436 ——— Success and failure of gifted children as shown by teachers marks in high school. *Public schools Los Angeles Calif* 1930 ms.

4437 Farquhar, Hazel M. Educational provisions for the superior child. Master's thesis 1930. University of Rochester Rochester, N. Y. 200 p ms.

Summary of plans in use in public schools for provision for the gifted child with personal study of one city and one village school system. Contains a bibliography of 286 references. Findings: Little provision for gifted child. No opportunity for special training of teachers is found. There is need of more definite recognition of superior ability.

4438 Hough, Pearl M. A study of 50 gifted children with special reference to health, character ratings, interests in reading, school records, special talents, play and social adjustability. Master's thesis 1930. University of Kansas Lawrence.

4439 Kiefer, Frieda A. Manual motor correlation in superior children. *Journal of applied psychology* 13 357-71, August 1929.

Data from a group of experiments with superior and average children indicate that differences in performance on manual motor tests of superior and average children are negligible and that the difference in practice effects on a motor function between the two groups is insignificant.

\*4440 Lamson, Edna Emma. A study of young gifted children in senior high school. Doctor's thesis 1930. Teachers college Columbia university, New York N. Y. New York city Teachers college Columbia university 1930 117 p. (Contributions to education no 424)

The purpose of the study is to give an assemblage of facts with which to supplant popular opinions concerning the advisability of gifted children entering high school several years younger than the generality of their classmates. Fifty-six gifted children in Public school no 165 New York City were studied. The gifted group when compared with the control group attained not only superior scholastic achievement but also had a smaller percentage of failures. They do not seem to have suffered in health as a result of entering high school two years younger than the generality of their classmates.

4441 Long, George Everett. Evaluated provisions for the education of gifted children. Master's thesis 1930. Indiana university Bloomington 115 p ms.



4442 Robertson Mrs Pearl Gilliam. The learning of children of different degrees of brightness Master's thesis 1929 University of Texas Austin.

4443 Rustemeyer Theresia M. An examination of the records of superior undergraduates Master's thesis 1930 University of Southern California Los Angeles ms

4444 Swope Vera Galbreath. Methods of teaching bright children in the junior high school Master's thesis 1930 University of Southern California Los Angeles ms

4445 Witty Paul A. A study of 100 gifted children University of Kansas Bulletin of education 2 3-41 February 1930

4446 Woodard Mary Ann. Follow up study of gifted children. Master's thesis, 1929 University of Kansas Lawrence 89 p ms

See also 523 933 1702 1997 3094 4355 4425 4427 4520

### SUBNORMAL CHILDREN

4447 Abelson Harold H. Achievement of dull pupils under the Dalton plan. School and society 30 211 12 August 10 1930

The study considers the results of the Dalton method as engaged in by an unselected group of 109 pupils in the sixth grade at Public school 39 Bronx New York City. The indications are that the Dalton plan succeeds in teaching the school subjects to the duller pupils about as well if not better than to the brighter relative capacity being taken into account.

4448 Fellows Ella Jane. A study of the opportunities afforded mental defectives in Colorado Institutions Master's thesis 1930 University of Denver Denver Colo 102 p ms

A survey to relate and compile informational material so that it may be more readily available. Comparisons are made with the tendencies noticeable in other states and countries pointing out the modern ideals of education for those who are mentally defective and showing the attempts being made to reach those ideals. Various schools which have been particularly successful are mentioned.

\*4449 Hillsboe Guy L. Finding and teaching atypical children. New York city Teachers college Columbia university 1930 177 p (Contributions to education no 423)

The purpose of this study was to classify atypical children from the viewpoint of selection for special education to determine the probable percentage of children in each of the classifications including the degree to which the school systems investigated are providing for atypical children the probability of reduction in numbers in the future and the relation of a program for atypical children to the State's minimum program and to set up the current practices in the methods of and the agencies for the selection diagnosis assignment and follow up of each of the types requiring special education.

4450 Ingvolstad Carl. History of idiosyncrasy Master's thesis 1930 Rutgers university New Brunswick N J

4451 Kelley Anna Armona. An investigation to determine the types of pupils found in one ungraded room Master's thesis, 1930 University of Chicago Chicago Ill

This is an investigation of a group of retarded pupils in the ungraded room at Central Michigan teachers college. By means of the case-study method four factors conditioning retardation sociological physiological psychological and educational were located.

4452 Kennedy Lou. Studies in the speech of the feeble-minded Doctor's thesis 1930 University of Wisconsin Madison 43 p ms

The study was based upon the observation of several hundred idiots and imbeciles and careful study of the speech status of 37 idiots 27 imbeciles and 249 morons. Findings: Idiots have no speech the speech of imbeciles is characterized by the prevalence of speech defects morons nondescript as to speech are similar to other normal speakers in that they present varying degrees of facilities in speech ranging from a very facile type of speech to a definitely defective type.

4453 Lewerenz Alfred S Artistic ability of 20 feeble-minded children as measured by objective tests Los Angeles educational research bulletin 9 12-14 June 1930

Data secured were based on race sex age and intelligence On tests requiring no reading ability these feeble-minded children were slightly better than the average group median development child received approximately the average rating on three tests, and was below the average of an unselected group in four tests when average ability rating was found for each child distribution of ratings was found to be but little below average tests in which reading skill was required were those in which lowest scores were made fact that children received low score on intelligence test does not preclude their having one or more special abilities which may be above the average in development

4454 McFadden J H Differential responses of normal and feeble minded subjects of equal mental ages to certain tests 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin November 1930

4455 Mecredy Mary Florence Employability of subnormals Public schools Los Angeles, Calif 1930

A study to determine minimum intelligence level at which economic subsistence is probable and to evaluate job tenure in terms of causes of discharge

4456 Miller Joseph Study of mentally retarded children and of causes of failure and success in school 1930 Public schools Wilkes Barre Pa 9 p ms  
From this investigation it is evident that the problem of normal child who are failing is much more important than that of those who are definitely defective because the return for expenditure of money and effort is much greater in their case What these normal children need is really more individual attention.

4457 Miller Mildred G Educational provisions in St Louis for slow learning children. Master's thesis 1930 Washington university St Louis Mo

4458 Morris Edith Experimental study of backward high school pupils in mathematics Master's thesis 1929 Ohio Wesleyan university Delaware

4459 Russoman Emil A. The subnormal child his nature his capacity and his needs Master's thesis 1930 Rutgers university New Brunswick N J

4460 Santa Monica, Calif Public schools Department of research Bulletin for development classes 1930 18 p ms (Report no 18)

General aims organization supervision preparation of teachers etc for special classrooms set aside for the instruction of children who are handicapped by reason of serious mental retardation

4461 Stevens Thad Walker Administration of atypical classes in the schools of Oakland Calif Master's thesis 1930 University of California Berkeley 53 p ms

Presents a picture of the atypical class problem as it exists in Oakland showing number racial inheritance and other social and economic factors pertaining to the atypical child and making certain recommendations based on observation Findings (1) Costs approximately two and three-tenths times as much to educate an atypical child as a normal one (2) socialization rather than the teaching of a definite vocation should be the objective in teaching these backward children (3) among the important objectives should be such a command of the tool subjects of reading writing spelling and arithmetic as will enable the subnormal person to live happily as a citizen even in his limited environment etc

4462 Stillson Stella V A course of study for mentally handicapped children in the public schools of Wisconsin Master's thesis 1929 Teachers college Columbia university New York N Y 233 p

4463 Wheeler L R A study of the mental growth of dull children Journal of educational psychology 21 367 '8 May 1930

This investigation shows that the average dull child is about one year mentally retarded when he enters school and this retardation increases from year to year until at the age of 10 to 11 he has a mental retardation of over two years

- 4464 White, Dorothy. A survey of classes for atypical children in the public schools of Louisville 1929 Public schools, Louisville, Ky 32 p ms  
A study of conditions as they exist and recommendations for further organization  
See also 1234, 1237

#### PROBLEM AND DELINQUENT CHILDREN

- 4465 Arnold, Grace Some aspects of the problem child in the Terre Haute public schools Master's thesis, 1929 Indiana state teachers college, Terre Haute 138 p ms

Analysis was made of 21 cases in order to evaluate methods of dealing with problem children as revealed in the practice and judgment of present day experts in education, to discover probable causes and observe the treatment of such cases and to suggest needed agencies for future treatment Problems studied included retardation, truancy, wrong attitude malicious mischief, stealing lying, incorrigibility, poor attendance, and sex delinquency Major factors of causation were low mentality, heredity, poverty, broken homes, working mother, defective discipline, defective home atmosphere Outstanding needs in treatment are parental education further training of teachers in psychology and mental hygiene, employment of trained social workers with expert knowledge of child nurture for the juvenile court, addition of competent visiting teachers, and employment of an expert psychologist as a nucleus for a child guidance clinic

- 4466 Asher, E. J. and Haven, S. E The reactions of state correctional school and public school boys to the questions of an emotional inventory Journal of juvenile research, 14 96-106, April 1930

This study purposed to discover whether or not a reform-school group of boys could be differentiated from a public school group on the basis of their responses to a series of questions commonly referred to as an emotional inventory or personal data sheet The subjects used were 594 public school boys and 249 boys from the Kentucky houses of reform The two groups of boys are strikingly similar in their responses to most of the 93 questions

- 4467 Baker, Harry J., Decker, Fred J. and Hill, Arthur S. A study of juvenile theft. Journal of educational research, 20. 81-87, September 1929

A technique is described which compares 84 boys convicted of juvenile theft with an equal number of boys who served as a control group The groups were matched as to age, grade, nationality and neighborhood traits

- 4468 Behavior research fund, Chicago, Ill. Delinquency areas. A study of the geographic distribution of school truants, juvenile delinquents, and adult offenders in Chicago By Clifford R Shaw, Frederick M Zorbaugh, Henry D McKay, and Leonard S Cottrell Chicago, Ill, University of Chicago press 1929 214 p

This study is limited to a study of the geographic distribution of school truants, juvenile delinquents and adult offenders in Chicago The study includes approximately 60 000 school truants, juvenile delinquents, and adult offenders Findings, There are marked variations in the rate of school truants, juvenile delinquents, and adult criminals between areas in Chicago.

- 4469 Berkeley, Calif. Public schools. Study of problem children 1930 38 p ms

A report of the progress of the present program of scientific study and guidance of Berkeley school children

- 4470 Bodlander, Jerome William. The relationship between size of family, intelligence quotient, and certain statistical data among 705 juvenile male delinquents at Whittier state school, Whittier, Calif Master's thesis, 1930. University of Southern California, Los Angeles. ms

4471. Burke, Dorothy Williams Youth and crime A study of the prevalence and treatment of delinquency among boys over juvenile court age in Chicago Doctor's thesis, 1930 University of Chicago, Chicago, Ill 205 p (Reprinted from U S Department of labor, Children's bureau, Publication, no 106)

4472 Caldwell, Morris Gilmore Male juvenile delinquency in relation to the home and community environment a study of the commitments to the Wisconsin industrial school for boys July 1 1925 to December 31 1927 Doctor's thesis, 1929 University of Wisconsin Madison Findings in Journal of juvenile research 14 87-95 April 1930

4473 Coleman C T The cultural advantages of disciplinary problem pupils in high school School and society 32 160-62 August 2 1930

An article containing similar information is contained in School review 33 434-42 June 1930 under the title The characteristics of disciplinary problem pupils in high school

A study was made of the evidence of culture found in homes of pupils who were disciplinary problems in a large high school in which almost every stratum of society and many nationalities are represented. The homes of 125 problem children were compared with those of 125 children of an ideal control group. The evidence was compared with those of 125 children of an ideal control group. The evidence presented in this study would indicate that disciplinary problem pupils in high school more often come from families that have a financial and social position above the average than from homes that lack cultural advantages

4474 Crayton, Sherman Gideon A survey of the Indiana boys' school Plainfield Ind. Masters thesis 1929 Indiana university, Bloomington 123 p ms

4475 Crosby Sarah B A study of Alameda county delinquent boys with special emphasis upon the group coming from broken homes Journal of juvenile research, 13 220-30 July 1929

Cases records of the 314 boys appearing before the Alameda county juvenile court during the year 1926 form the basis of the material for this article. Home conditions of the boys who have both parents may be no more satisfactory than the conditions found in broken homes. Home conditions of boys from broken homes are not considered by probation officers so satisfactory as those found among the group of boys who have both parents

4476 Cruz Wendell W The relation of juvenile delinquency to intelligence Phi Delta Kappan 12 172-74 April 1930

One hundred children brought into the Detention home at Knoxville Tenn. on various charges were interviewed and tested with the Stanford revision of the Binet-Simon intelligence scale. A summary of the investigation will show that of the total number tested four per cent had an IQ below 50 42 per cent had an IQ between 50 and 70 43 per cent had an IQ between 70 and 90 10 per cent had an IQ between 90 and 110 and one per cent had an IQ over 110

4477 Denver, Colo. Public schools Department of research The social traits of problem children 1930

Comprises a study of 100 boys who were sent to the Colorado industrial school to ascertain what social traits they exhibit and the extent to which the schools are able to cope with them.

4478 Ebaugh Franklin G, Johnson George S, and Woolley, Lawrence F Studies in juvenile delinquency in Colorado 1 One hundred boys In University of Colorado studies (Boulder Colo.) vol 18 no 1 p 9-27

In this study of 100 cases 35 were found to represent the attacking type of behavior 18 the withdrawing type and 47 the inferior type of adjustment corresponding with borderline or defective intelligence. It was found that the home was the most important source of conflict material in the causation of delinquency

4479 Gallagher Ralph A The first offender Masters thesis 1930 St. Louis university St. Louis, Mo

4480 Gaul, Sister Mary Lucretia The study of the causes of juvenile delinquency manifested in adolescents and mature delinquents as exemplified in the inmates of five Ohio corrective institutions Masters thesis 1930 Loyola university Chicago Ill 95 p ms

4151 Hardin Clara Alberta The probation of juvenile delinquents in Denver Master's thesis, 1930 University of Colorado Boulder University of Colorado studies 18 70 December 1930 (Abstract)

A comparative study of the histories of 50 delinquent boys from the Denver juvenile court indicates that 6% per cent of the boys were successful on probation 20 per cent failed to make the proper adjustments 14 per cent were doubtful as to their success and in two cases failure did not appear to be absolute

4152 Jastson Ethel Peed Case study of nine truants in a public school Master's thesis 1930 New York university New York N Y 354 p ms

Nine truants and one non truant were studied from the point of view of sociological research Findings Misplacement in school unwholesome home and area conditions are determinants of truancy in these nine cases As exploration into the causes factors and sequences leading to truancy these cases offer revealing data

4153 Katsky Milton Jerome How to handle incorrigible boys in a special school Master's thesis 1930 University of Southern California Los Angeles ms

4154 Kinzer Dorothy H A survey of certain behavior traits in a boys correctional school Master's thesis 1930 University of Southern California Los Angeles ms

4155 Lindsay J Armour The social traits of problem children Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 85 December 1930 (Abstract)

This study endeavors to ascertain the social traits exhibited by problem children 100 boys of the Colorado industrial school were used as a basis for the study A specially prepared questionnaire was administered to 549 teachers who had taught these boys in the public and private schools of Colorado Data indicate that in general the teachers diagnosed maladjustment in the problem boys as accurately as the mental hygienist and psychiatrist

4156 McCulley Francis M An analysis of disciplinary cases in the secondary school Master's thesis 1930 University of Colorado Boulder University of Colorado studies 18 88 December 1930 (Abstract)

The purpose of this study was to examine the treatment of a number of disciplinary cases recorded in public secondary schools to determine the relationship between particular types of offenses and methods of treating them An analysis was made of 282 cases of both high school and 634 cases of Cole Junior high school of Denver Thirty five cases which were taken from the records of public schools in several other states were studied in detail

4157 Martz Eugene W Mental development in the children of delinquent girls Journal of applied psychology 14 287-95 June 1930

A study was made of the mental development of 25 children at the Institution for feeble mind Columbus Ohio The results of the study support the theory that mental deficiency is a recessive character the tendency being rather toward the normal state

4158 Mercer Mary L School maladjustment as a factor in juvenile delinquency Journal of juvenile research 11 41-42 January 1930

The case records of 8 white boys between the ages of 8 and 17 years who had been referred to the Ohio bureau of juvenile research were analyzed in an attempt to discover the significant contributing factors in the problem of stealing The author points out the part the school might play in eliminating a few sources of friction in the relationship between the child and the school

4159 Myers C Maxwell A study of maladjustment among ninth and tenth grade boys Master's thesis 1930 University of Pittsburgh Pittsburgh Pa University of Pittsburgh bulletin 27 313-41 November 1930 (Abstract)

4160 Olson, Willard C Problem tendencies in children Doctor's thesis, 1930 University of Minnesota Minneapolis Minneapolis University of Minnesota press 1930 92 p

A study of behavior problems and problem tendencies in about 3000 children from the nursery school through the junior high school Devices were developed for stating conduct in quantitative terms Data on reliability and validity are presented

4491 Owens, Albert A. The behavior problem boy. *Journal of educational research*, 20 106-80, October 1929

A study was made of 365 boys sent to a disciplinary school. The average IQ of the group was between 75 and 80, from a physical standpoint they were normal. The chief causes leading to the transfer of these boys from the regular classes to the disciplinary school were truancy, disobedience, fighting disorder, etc.

4492 ——— The effect upon attendance of transfer to a disciplinary school. *Journal of juvenile research*, 14 181-87, July 1930.

The attendance records of 97 boys at the Daniel Boone school in Philadelphia, were compared with their attendance records at other schools before admission to the disciplinary school. Findings: Attendance tends to improve after transfer in the majority of cases.

4493 Paynter, Richard H. and Blanchard, Phyllis. A study of educational achievement of problem children. New York City, Commonwealth press, 1929 72 p.

A study of more than 300 elementary school children divided into two groups, those having personality difficulties and those presenting conduct difficulties. It is concluded that problem children show no general tendency to slow educational achievement.

4494 Peddie, Gertrude Wallenstein. A study of problem cases whose troubles can be traced to emotional difficulties in the home. Master's thesis, 1930 University of Southern California, Los Angeles ms.

4495 Pierce, Paul R. Maladjustments of adolescents. *School review*, 37: 370-86 November 1929

One thousand nine hundred and eighty-one boys and 436 girls of the Juvenile detention school of Chicago were studied during four months of the year 1928. The school provides for industrial and special activities and a limited amount of academic work. Data consisted of the age and grade of each pupil, the charge against him, and the number of times he had been committed to the school. A great amount of larceny, vagrancy, incorrigibility and immorality on the part of boys and girls was found. The author suggests that the public school provide for the individual needs of children at all grade levels, that it provide a comprehensive program of guidance, especially for the years 12 to 16, and that it enrich and vitalize classroom work in all grades so that children will have less interest in the harmful influences outside the school.

4496 Rasey, M. I. Place of child in family constellation particularly problem children. 1930. Detroit teachers college, Detroit, Mich.

Problem children were selected from a school community of 1,400 and a study was made of their place in the family.

4497 Reinhardt, James M. A study in juvenile delinquency. Doctor's thesis, 1929. University of North Dakota, Grand Forks.

An analysis of the causes of delinquency in agricultural market centers as opposed to the studies that have been made in large population and industrial centers.

4498 Riley, Mary Alice. Ecological factors in juvenile delinquency. Master's thesis, 1929. Catholic university of America, Washington, D. C. Washington, D. C., National Catholic school of social service 1929 9 p. (Social science monographs, vol 1, no 2, September 15, 1929)

One section of the city of Washington was subjected to ecological analysis to determine if possible what factors were correlated with delinquency. Findings: The delinquents appear to be distributed according to economic divisions of the section. Those parts mentioned as being most stable are practically free from delinquency. As the degree of economic stability increases delinquency decreases. The highest peak is reached when one arrives at the negro section. The negro is normally forced into the worst section. This social segregation gives rise to a deterioration that bounds with him and follows where he goes.

4499 Roach, William L. Record of juvenile delinquency in Benton county, Oregon (1907-1929). *Journal of juvenile research*, 14 34-40, January 1930

A study was made of the various types of delinquency, the age and sex of the delinquents, the parental relationship, and the disposition of the 149 juvenile delinquents in Benton county reported from 1907-1929. There were 102 boys and 47 girls reported. Broken homes appear among the delinquents about six times as often as in the general rural population of Oregon.

4500 Robertson Berdena Marion The unadjusted girl at El Retiro Mas-  
ters thesis 1930 University of Southern California Los Angeles ms Na-  
tional education association Department of secondary school principals  
bulletin 34 76-77 January 1931 (Abstract)

An attempt to explain the underlying causes for school unadjustment and to suggest a  
program for remedial work for 25 cases of failing students admitted to El Retiro In  
each of the 25 cases the girl was of normal or above normal intelligence who had definite  
behavior difficulties or was emotionally maladjusted and who failed to achieve in propor-  
tion to her mental ability until she was given the proper environment with understanding  
and able teachers

4501 Rosenow Curt The incidence of first born among problem children.  
Journal of genetic psychology 37 145-51 March 1930

Case records of the Child guidance demonstration clinics of Cleveland and Philadelphia  
were used as the basis of this study Data indicate that first born children from small  
families present problems to child guidance clinics more frequently than other children  
from such families

4502 Sanderson Ruth Brendel Selected case studies of transition B1 chil-  
dren Master's thesis 1930 University of Southern California Los Angeles ms

4503 Suggs Joel Comparative study of some delinquent high school stu-  
dents in Tennessee Master's thesis 1929 George Peabody college for teachers  
Nashville Tenn 45 p ms

4504 Sullenger Thomas Earl Social determinants in juvenile delinquency  
Doctor's thesis 1929 University of Missouri Columbia 87 p

Bibliography p 81-87

An analysis of 1145 cases of juvenile delinquents in order to determine the actual  
causation of the delinquent's behavior in its relation to the home the playground the  
school and neighborhood and to ascertain as far as possible the correlation of juvenile  
delinquency with outdoor relief It was found that home conditions physical mental,  
moral social and economic were causative factors in more than one half of all the cases

4505 Whitney R L The observation of the problem boy Journal of edu-  
cational sociology 3 326-40 February 1930

4506 Williams Herbert D An experiment in self directed education  
School and society 31 715-18 May 24 1930

An experiment was made with a group of delinquent children during the first half  
of 1924 to see if the children could be adjusted to the life of the community All of  
the children were taken to a central technical high school where a room was given them  
for their special use The children ranged in age from eight to nearly 18, in IQ from  
60 to 120 No formal instruction was given Whenever a child manifested an interest  
in some particular thing opportunity and encouragement were given him to develop the  
interest This experiment indicates that a group of delinquent boys of varying ages  
and capacities will if given an opportunity and supervision improve more in educa-  
tional age when left alone than they will under ordinary schoolroom conditions with  
formal instruction and that the gain will be spread over all the subjects of the curriculum  
All of the boys had an accomplishment quotient very near the normal

4507 Zeleny, Leslie D A comparative study of the investigations of the  
intelligence of criminals Doctor's thesis 1930 University of Minnesota  
Minneapolis

#### PHYSICALLY HANDICAPPED CHILDREN

4508 Abraham, Richard I, Chairman Gough school course of study 1930  
Public schools San Francisco, Calif 70 p ms

Course of study grades one through six paralleling the regular school course but  
designed for deaf and deafened children This is more or less experimental particularly  
in regard to length of time required to fit pupils for junior school.

4509 Darnard, Raymond H Relation of intelligence and personality to  
speech defects Elementary school journal 30 604-20 April 1930

The incidence of speech defects in the school population is great enough to constitute  
a serious problem The author compares the studies made on speech defects by various  
authors who have studied the problem in various cities and states Data indicate that

varying levels of intelligence are found in various kinds of speech defects. Low intelligence is a symptom rather than a cause of speech defects. Retardation in school in the case of speech defectives is not caused by lack of intelligence but is an emotional maladjustment which may be remedied by an understanding of the personality of the individual. A bibliography on speech defects concludes the article.

4510 Berry Charles Scott and Stoddard Clara B. An experiment with lipspers. *Journal of applied psychology* 13 543-53 December 1929

An experiment was undertaken with 314 lipspers in the regular grades of the Detroit public schools to determine to what extent lipspers who receive no corrective speech training improve as compared with those who receive such training. In both the experimental and control groups positive correlation was found between extent of defect and amount of improvement. In this experiment speech improvement in lipspers of like extent of defect was found to be conditioned only to a slight degree by differences in intelligence, age, home language or sex as compared with corrective training in speech improvement classes.

4511 Bradley Martha Hunter. Diagnostic and remedial measures relating to linguistic disabilities. Master's thesis 1930. University of Chicago. Chicago. Ill.

4512 Brown Paul V. Educational opportunities for crippled children in Belmont county, Ohio. Master's thesis 1930. University of Chicago. Chicago. Ill.

A study of the number and types of crippled children showing those in special schools, those in regular schools, and those not in any school. Mental abilities of various types were studied, also costs of special classes—both the county wide class and city class, costs in regular schools and characteristics of each.

4513 Dougherty Elinore Dore. Public education for crippled children in the United States. Master's thesis 1930. University of Southern California. Los Angeles. Cal.

4514 Earle Marie Montgomery. A history of the first fifty years of the South Carolina school for deaf and blind. Master's thesis 1930. University of South Carolina. Columbia.

4515 Fagan Leo Bernard. A study in the reeducation of stutterers. Doctor's thesis 1929. University of Iowa. Iowa City. 53 p. ms.

4516 Johnson, Wendell. A stutterer's psychological analysis of his own case. Master's thesis 1929. University of Iowa. Iowa City. 100 p. ms.

4517 National education association. Educational research service. Special classes for handicapped children in 25 large cities. Washington D. C. National education association 1930. 16 p. ms. (Circular no. 6 1930).

Contains information concerning special classes for the deaf and hard of hearing, mentally defective, speech correction, open air and open window classes, crippled children, sight saving and disciplinary or behavior schools.

4518. National society for the prevention of blindness. New York, N. Y. The vision of pre-school children. An analytical study of 982 children. New York, N. Y. National society for the prevention of blindness 1930. 37 p.

The figures collected for this study show that out of 982 pre-school children 208 (20.9 per cent) had some abnormal condition of the eye. The girls seem to have slightly lower visual acuity than the boys.

4519 Oak Lura S. Motor difficulties of left handed children in learning to write and draw. Doctor's thesis 1930. Yale university. New Haven. Conn.

4520 Pittsburgh Pa. Public schools. Department of curriculum study and research. A study of handicapped and exceptionally bright pupils in Pittsburgh schools. 1930.

4521 Rahe, Herbert Edgar. Procedure in a study of speech disorders. Master's thesis 1930. University of Maine. Orono.



4522 Rasey, Marie L. Some implications of left handedness 1930 Detroit teachers college Detroit, Mich

An examination of 6000 children for physical evidence of left dominance checked against certain personality traits

4523 Schaeffer, Frances Mary Social traits of the blind Master's thesis, 1930 Loyola university, Chicago, Ill 122 p ms

4524 Sheldon, Mrs Bessie Education as related to various stages of visual defects Master's thesis, 1930 North Dakota agricultural college, Fargo 98 p ms.

Instruction in public schools with reference to conservation of eyesight, and practical measures for improving conditions

4525 Tohill, Elizabeth The Hebrew orphan asylum speech clinic. Master's thesis 1930 Teachers college Columbia university New York, N Y 47 p. ms.

4526 Warner, Helen S Education of frail children Elementary school journal 30 136-41 October 1929

Twenty children ranging in age from seven to 13 years and in grade from two A to six A, in an open air room in Los Angeles carried out an activity program which arose from their interest in the national air races held in Los Angeles The interests of the various groups led to discussion of various activities and the history and geography of the various countries of the world.

4527 Wetmore, R. G and Estabrooks, G H The relation of left handedness to psycho-neurotic traits Journal of educational psychology, 16 628-29, November 1929

A study was made of 62 students at Colgate university who were either totally left handed ambidextrous or who had merely a tendency towards using the left hand Data indicate that there is no relation between left handedness and the neurotic constitution

4528 Youngs, Martha A Provisions for handicapped children in public schools of the United States Master's thesis, 1930 New York university, New York, N Y, 53 p ms

This study is confined to work in public schools—chiefly in large cities and covers types of handicap provided for, percentage of handicapped children in school population, prescribed teacher training cooperating agencies etc

See also 523 3352, 3406 3441, 4452

## EDUCATION EXTENSION

4529 Alderman, L R Adult education activities during the biennium, 1926-1928. Washington, United States Government printing office, 1929 18 p (U S Office of education Bulletin 1929 no 23)

Advance sheets from the Biennial survey of education in the United States 1926-1928

4530 Baker, H W. The tutorial plan extension courses for pupils in small high schools [1930] State department of education Columbus, Ohio (Bureau of educational research project, no 210)

Extracts from this study were used in two master's theses published in the Educational research bulletin, March 5 and April 30 1930

4531 Buchanan, Pearl Leigh An experimental study of adult reading abilities. Master's thesis, 1929 George Peabody college for teachers, Nashville Tenn 73 p ms

4532 Bunyard, C L. Measuring the results of evening school instruction Master's thesis 1930 Iowa state college, Ames. 99 p ms

4533 Clark, Willis W. Elementary vacation school survey—1929 Los Angeles educational research bulletin, 9 6-7, October 1929.

A series of tests in reading and arithmetic was given all vacation school pupils to determine the educational status and needs and progress of the pupils From the data it appears that very satisfactory progress was made by pupils in reading and arithmetic and that the giving of standardized diagnostic tests has motivated the analysis of pupil

difficulties and the provision of remedial work by the teacher and has resulted in considerably more progress than occurs without this aid. Need for variation in teaching procedures to meet marked differences in pupil accomplishment is as pronounced in vacation school as during the regular school year.

4534 Coggin, George W. Information and detailed regulations regarding the standard cotton textile evening school courses of study 1930 State department of public instruction Raleigh N C 20 p ms

Contains standard units for diplomas in carding weaving and spinning

4535 Cohn Dorothy Rene History and general status of continuation schools Masters thesis 1930 Boston university Boston Mass ms

4536 Cornell, Ethel L. A beginning reading vocabulary for foreign born adults Albany University of the State of New York press 1930 24 p

Analysis of vocabulary in 11 textbooks compared with standard vocabulary lists

4537 Duley Mrs Marion Course of study for classes of non English speaking adults 1929 Department of education Baltimore Md 130 p ms

4538 Evenden, E S. A report on correspondence and extension work in normal schools and teachers colleges in the United States In American association of teachers colleges Ninth yearbook 1930 p 54-60

A report made under the auspices of the Committee on standards and surveys of the American association of teachers colleges gives the attitudes of presidents on the existing standards of the Association concerning the amount of work in any curriculum which may be taken by correspondence and extension

4539 Goldberger, Anthony M. Variability in continuation school populations a study of the significance of differences in the proportions of child workers Doctor's thesis 1930 Teachers college Columbia university, New York N Y New York city, Teachers college, Columbia university, 1931 52 p (Contributions to education no 454)

Findings Variability is the chief characteristic of continuation school population included under the term is variability in age of pupils at time of entrance and consequent difference in length of time they are to remain in school educational achievement differences in educational experiences of those coming from public schools and those from parochial schools great differences in employment environment Course of study should recognize the need of wide variation in types of lessons to be taught and methods to be used Attitude should be built up in pupils that schools teachers and books may be of help in solving difficulties

4540 Grace, Alonzo G. The mental abilities of adults as related to interests needs and activities 1930 Board of education Cleveland Ohio 209 p ms

4541. Hayes, Cecil Brummer The American lyceum Its history and contribution to the advancement of education Masters thesis 1930 Stanford university Stanford University Calif

4542 Hebard, Grace Harlow The administration of adult education on the university level Masters thesis 1930 University of Southern California Los Angeles. ms

4543. Herring, John W. Small community study 1929 American association for adult education New York N Y

Six small towns in Chester county Pa. were selected as the nucleus of the study which considered various activities under way in these towns as a possible foundation for a program of adult education organized and promoted by the community itself

4544. Hillman James E. Extension class teaching and correspondence study instruction. 1930 State department of public instruction, Raleigh N C

A study to determine the amount of credit if any teachers should be allowed to earn to ascertain the present practice and to set up standards of acceptable work

4545 Hosp, Helen Marie A project in adult education correspondence instruction in penal institutions as supervised by the Welfare league of New York. Masters thesis 1929 New York university New York N Y

4546 Jones, Mary Alice *Diagnosis of the employability of the continuation school girls.* Master's thesis 1930 University of Southern California Los Angeles ms

4547 Klingner George Max *Part time education as a factor in the upgrading of minor employees.* Master's thesis 1929 University of California Berkeley 32 p ms

An attempt to discover to what extent part time education increases the efficiency of junior workers as evidenced by promotion and wage increases Findings Students usually leave full time school to enter employment at about 16½ years of age There is positive evidence that part time education produces a more efficient junior worker as evidenced by promotion and increased wages A very large percentage of all promotions and changes occur in those types of employment in preparation for which the school is doing its best work

4548 Kolokoski Louis W *A comparative social psychological study of the Polish prisoners of Western penitentiary.* Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 102 p

4549 McCarthy June *The status of adult education in the public school system of Chicago 1928-1930.* Master's thesis 1930 Loyola university Chicago Ill 110 p ms

4550 Massachusetts Department of education *Fifteenth annual report of Division of university extension Boston 1930 34 p (Bulletin of the Department of education vol 15 no 2 March 1930)*

Reprinted from the ninety third annual report of the Department of education of Massachusetts Contains charts showing how the dollar of university extension expenditure was spent and distribution of students according to age previous education and type of course

4551 Maul Ray C *Administrative practices in correspondence study departments of teachers colleges and normal schools.* Master's thesis 1929 University of Kansas Lawrence Resumé by J W Twente and Ray C Maul in University of Kansas bulletin of education 2 12-14 April 1930

Gives information from 59 institutions regarding organization and regulations of department the department head enrollment of students some financial facts and general information.

4552 Mobley, Dennis *An evaluation of evening class instruction in terms of changed practice (Georgia).* Master's thesis, [1930] Cornell university Ithaca N Y

4553 Nebraska Department of public instruction *Division of adult immigrant education Adult immigrant education in Nebraska Lincoln 1929 29 p.*

4554 North central association of colleges and secondary schools *Evening and other part time education A committee report North central association quarterly 4 237-47 September 1929 (George F Zook chairman)*

Gives information concerning evening and other part time education received as a result of a questionnaire sent to all institutions accredited by the Association Information concerning preparation of students size of class hours of instruction preparation of faculty academic rank etc is given

4555 Odell Charles W *Summer work in public schools.* Urbana University of Illinois 1930 42 p (University of Illinois bulletin vol 27 no 34 April 22 1930 Bureau of educational research, Bulletin no 49)

Contains a brief history of the development of summer work in the elementary and secondary schools of the United States including short descriptions of the plans of such work as given in a number of city school systems and summaries of several studies of the number and characteristics of summer sessions The results of summer work in the public schools of Illinois for the summer of 1929 are given

4556 O Neal Katherine *The education of the Southern highlander.* Master's thesis 1929 New York university New York N Y 97 p

4557 O'Reilly, Anna E. A study of public day classes for adults in English and citizenship in New York City. Master's thesis, 1930. New York University, New York. N. Y.

4558 Patterson, M. Rose. Survey test on fundamentals—night school no. 47, December 1929. Department of education, Baltimore. Md. 4 p. ms.

4559 Pedersen, P. E. Survey of adult education agencies. Minneapolis. Minn., University of Minnesota: 1930.

4560 Reineck, C. M. Standardizing correspondence instruction. *Journal of educational research* 20: 260-67, November 1927.

This study was based on 2382 reports on assignments received from 116 correspondence students who completed their courses and who are teachers. It was made to determine if possible some reasonable standards for correspondence instruction for teachers.

4561 Rogers, Elba Williams. Relation of the permanency of the employment of continuation school pupils to curriculum construction in the Berkeley continuation school. Master's thesis, 1930. University of California, Berkeley. 65 p. ms.

The purpose of the study was to discover a basis for the modification of, or addition to, the existing courses of instruction in the Berkeley continuation school by studying the relation of pupils' employment in 1929-1930 to employment from 1925 to 1929 and relation of continuation instruction to employment. Findings: From the variety of types of present employment and comparatively small number in each type, it is more practical to give training according to types of occupations rather than according to specific occupations. The three types of occupations are commercial occupations, homemaking occupations, and industrial occupations.

4562 Schwin, Mary Lowell. Analysis of correspondence course grades in University of Colorado. Master's thesis, 1929. University of Colorado, Boulder. 36 p. ms.

Survey of courses taken at the University of Colorado 1925-1929. A study of sex classification, courses taken, hours of credit, and occupations of students. Findings: Average student is boy registered for three hours, completes work in nine months, has no occupation, is a student in the university. He has a 50-50 chance of completing the work and makes a better grade than in the regular courses.

4563 Shaw, Wilfred B. Collegiate alumni education. Alumni and adult education. New York City. American association for adult education, 1929. 117 p. Six months investigation of educational efforts in alumni field (about 40 institutions personally visited) in an attempt to evaluate degree and kind of interest.

4564 Shelton, Allen Clifton. The duties of the Teachers college extension director. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 61 p. ms.

4565 Siemens, Lydia Jane. A study of social attitudes toward adult education. Master's thesis, 1930. University of Southern California, Los Angeles. ms.

4566 Social science research council. Rural sociological adult education of the United States. Prepared under the direction of the Advisory committee on social and economic research in agriculture by C. J. Galpin and others. [1929] 87 p. ms. (Social science research monograph.)

"This monograph aims to lead off in the discussion of a program of agricultural extension which shall be thoroughly sociological in character, including a program of research which shall provide the basic materials for extension."

4567 Sprague, Lynn A. Summer schools maintained in exempted villages and cities under 20,000 in Ohio in 1928. Master's thesis, 1929. Ohio state university, Columbus. 83 p. ms.

Organization and administration of the elementary and high school summer terms. Findings: Forty of the 113 schools maintain summer schools. Median term is 30 days. Results were satisfactory judged by the fact that 92 per cent of the superintendents in

whose schools summer terms were maintained were satisfied with the work and that 9% per cent of the students were promoted and 87 per cent of those promoted made good in the work of the next year

4568 Stickle Charles Edwin An analysis of the vocational objectives of the small part time school of California Masters thesis 1930 University of Southern California Los Angeles ms

4569 Strong Ester E. Adult education in Virginia Masters thesis 1899 University of Virginia Charlottesville 157 p (University of Virginia, Extension record 13 no 5 November 1923 (?) )

The investigation gives an appraisal of the various opportunities for adult education in the State of Virginia Findings Adult education in Virginia is shown to be largely of a vocational character The State is meeting only one-third of the felt vocational needs of its adult population Greater popularization of the movement public evening schools and enlargement of library facilities are suggested

4570 Thomas Rufus G A technique for the placement of evening school pupils in Americanization classes Master's thesis [1930] Syracuse university Syracuse N Y

4571 Troup Evelyn A comparison of the abilities of school and working children. Master's thesis 1930 University of Buffalo Buffalo N Y

An analysis of applicants at the City employment bureau for girls at Buffalo the Buffalo continuation school group students in sixth and eighth grades in a Buffalo public school and the sophomore class at Hamburg (a suburban) high school The results showed the level of intelligence as measured by certain objective tests of the continuation school group significantly lower than that of the regular school child of the same age and school training and the intelligence level of the group at the employment bureau was lower than that of the continuation school.

4572 Udell Anne Theresa. Characteristic differences of part time pupils Doctor's thesis 1930 New York university New York N Y

4573 Warrick, Edward Adult elementary education in Buncombe county Master's thesis 1930 Duke university Durham N C

A brief summary of the movement to eliminate adult illiteracy in the South case studies of pupils with an evaluation of the work in Buncombe county

4574 Webster Emma McMeekin An evaluation of the part time program of education of the city of Los Angeles Masters thesis 1930 University of Southern California Los Angeles ms

4575 Whytock, N R. and Fritch C Lorene Report on summer school organization April 1 August 15 1930 Public schools Glendale Calif 5 p ms

4576 Willard John Dayton Rural adult education New York N Y American association for adult education 1930 28 p

An appraisal of present activities of needs and of possible programs to rural adult education and the effectiveness of various agencies in this field

See also 1923 2085 3338

## LIBRARIES AND READING

4577 Bailey, Carrie A study of illustrations now found in children's books. Master's thesis 1929 George Peabody college for teachers Nashville Tenn 39 p ms.

4578 Bailey Laura C Library reading for curriculum subjects of elementary schools Educational method 9 343-53 March 1930

The lists here given have been made as the result of the actual use of the books by the children as they organized and developed the work of various units All books represent the fundamentals for the library reading by each of the six grades in most subjects which are rather generally accepted

4579 Baugher Milton M A study of the secondary school libraries of York county Pa Master's thesis 1930 University of Pennsylvania Philadelphia.

4580 Bennett, Earl E. What high school students read in their school papers Master's thesis, 1930 University of Pittsburgh, Pittsburgh Pa 53 p

4581 Binkley, Hazel Pye A study of the voluntary reading of high school students Master's thesis, 1929 University of California Berkeley 52 p ms

A study to find out the selection and amount of reading in newspapers magazines and books which a given group of high school students choose for themselves at home in the school library, or in the public library Findings (1) Newspapers formed the greatest part of voluntary reading 83.2 per cent as many magazine readers and 55 per cent as many book readers (2) the most read sections of the newspaper were in the order named news including scandal, comic and sports. (3) the median of magazine reading for the week is 10.1 pages, (4) the list of 71 magazines shows that the selection was over a wide range both as to quality and subject Literary Digest American Magazine and Saturday Evening Post have the most records etc

4582 Brasfield Tula Irene The reorganization of the Bryson college library Fayetteville, Tenn Master's thesis, 1929 George Peabody college for teachers, Nashville, Tenn 30 p ms

4583 Broening, Angela M Library science for the pupils in the Baltimore public schools grades 1-12 Baltimore, Md, Public schools, 1930 52 p

4584 Cage, Rosa B School library service for California cities Master's thesis, 1930 University of California, Berkeley 67 p ms

Examination of present school library conditions and systems in California, discussion of the various practices, and formulation of a program of school library service suitable for a California city of from 30 000 to 50 000 inhabitants

4585 Cameron, Tene Campbell Improving a county reading program. Master's thesis, 1929 University of California, Berkeley 28 p ms

Set forth the organization and results of a reading project which was carried on in the rural schools of San Joaquin county, Calif to determine how much time could be saved and how the reading program may be made more efficient by grouping children according to reading comprehension without regard to regular grade placement Conclusions A classification of children on the basis of their reading comprehension simplifies the teaching problem and that of providing for individual differences Age and grade factors have had far too much importance attached to them when classifying children Promotions or special adjustments should be made on the basis of accomplishment and ability rather than by any other factor

4586 Caudill, Alma The juvenile literature of Frank R Stockton. Master's thesis, 1930 George Peabody college for teachers, Nashville, Tenn 138 p ms

A study of the content settings and characters of the 15 volumes of Mr Stockton's juvenile literature Five types of stories were found with varying themes and settings in various countries Real and imaginary characters were used also animals

4587 Celestine, Sister M A survey of the literature on the reading interests of children of the elementary grades Washington, D C, Catholic education press, 1930 114 p (Catholic university of America, Educational research bulletin vol 5, nos 2 and 3 February-March 1930)

The historical aspect of research in the field of children's reading interests was taken up A study was made of the effect of sex differences and of mental differences in children's reading and the effect of the physical make-up of a book and methods of stimulating interest in reading Data indicate that there are definite basic qualities in the content of reading material which stimulate the interest of children The interest varies with the individual differences of age sex and mental ability The physical make-up of a book influences the selection of children Leisure reading is definitely included among educational objectives

4588 Chapman, H B School libraries In Baltimore, Md Board of school commissioners. Annual report, 1928-29 p 141-47

An investigation of school libraries in the public schools of the city with special reference to their administration, financial support adequacy as a means of training pupils and providing voluntary recreational reading opportunities for pupils together with amount of training received by pupils in use of libraries

4589 Cox, Rose M. The individual and the reading course in a two-year technical high school. Teachers college journal (Terre Haute, Ind.), 1: 35-48, November 1929.

Gives the results of a survey of entering freshmen of nine technical high schools in order to show the necessity for more individual work in English and reading. Tables are given showing the average age, fathers' occupations, occupations which freshmen plan to carry on when they leave school, magazines read by them, favorite books, etc.

4590 Crabtree, Eunice E. A study of the effect of a course in children's literature upon students' own literary appreciation. Doctor's thesis, 1930. Johns Hopkins university, Baltimore, Md. 50 p. ms.

4591 Dahlberg, Louise. An investigation into the reading practices of a TB group of girls in a New York city elementary school. Journal of educational sociology, 3: 402-15, March 1930.

Conclusions: School with its present methods of teaching reading and literature, is not inculcating an interest in literature; the movies have influenced reading and encouraged a desire for thrillers and excessive action; the proportion of newspaper reading greatly exceeds both that of magazines and that of books; and school libraries with an enforced circulation though not fully utilized by the children afford a most effective means of presenting good reading matter to the children; as the repeated listing of school library books as favorite books indicate, etc.

4592 Dawson, Lillian R. Library project. 1930. Elizabeth City normal school, Elizabeth City, N. C.

The Bowenwald libraries, one and two, have been scored.

4593 Drury, Francis E. W. Book selection. Chicago, Ill., American Library association, 1930. 360 p.

This study considers the factors which enter into book selection for libraries, the evaluation of books, aids in selection, organization in libraries for selection; qualifications of the book selector. Findings: The five factors in book selection are: Demand, anticipated use, resources of the library, textual content of the book, and evaluation of the book. Methods used in libraries are presented.

4594 ———. Order work for libraries. Chicago, Ill., American Library association, 1930. 272 p.

This is a basic study of the acquisition of books by libraries. It discusses the selection of agents, the use of trade bibliographies, the treatment of sales catalogues. It develops and analyzes routines in effect for ordering and receiving books, periodicals, continuations and miscellaneous material. Treats of gifts, exchanges, accession methods, mechanical preparation of books, correspondence and bookkeeping, statistics and reports.

4595 Edwards, Caroline Louise. The organization and administration of children's libraries in schools. Master's thesis, 1930. Marywood college, Scranton, Pa. 80 p.

4596 English, Ada Jeannette. A brief investigation of school and college libraries with suggestions for instruction in the use of the library. Master's thesis, 1930. Rutgers university, New Brunswick, N. J.

4597 Fargo, Lucile F. The program for elementary school library service. 1930. Western Reserve university, Cleveland, Ohio. 196 p. ms.

The historical development of the elementary school library, an analytical study of types and an administrative program for the local school. The book emphasizes the relation of elementary library development to the work carried on by the public library through its children's department. Findings: The elementary library is in a transition stage due to changes in the elementary curriculum, a study of local conditions in both educational and library fields should precede the inauguration of an administrative program; the program set up should fit the present local situation and provide for progressive development.

4598 Finney, Stella B. Reading interests, habits, and needs of teachers in training. Doctor's thesis, 1930. New York university, New York, N. Y. 210 p. ms.

A sociological approach to the problem of recreational reading offering a complete picture of a representative group Findings Teachers in training have limited environmental advantages the curriculum prescribes traditional and professional reading with little thought to social changes and provision for leisure, more contemporary materials should find place and be basic to reading of classes

4599 Foster, Mary E, Hughes, R O, and Foster, Alice M The library as a vital factor in the work of the Pittsburgh schools Curriculum study and educational research bulletin 4 129-59 January-February, 1930

This bulletin undertaken to present some of the outstanding features of the work of school libraries in Pittsburgh and to relate some of the ways in which they have made an impression upon the pupils and teachers and administrative officials

4600 Fredericks, Gertrude M Children's taste in literature 1930 Upper Darby high school, Upper Darby, Pa

4601 Fulghum, Susan Report of State library aid to schools 1928-1930 and a summary report for 1929-1930 State department of public instruction Raleigh N C

Shows amount required to be spent amount actually spent how State funds are distributed, volumes in libraries circulation records in summary for seven years

4602 Habaugh, Leonard Earl A study of the library facilities of the high schools of Fayette county Pa Master's thesis 1930 University of Pittsburgh Pittsburgh Pa 143 p University of Pittsburgh bulletin, 27 282-83 November 1930 (Abstract)

4603 Hamner Ruth Children's choices in stories in the fourth grade Masters thesis, 1929 George Peabody college for teachers Nashville Tenn 64 p ms

4604 Hart, Elizabeth Fay Elements of popularity in representative current fiction. Masters thesis 1930 University of Chicago Chicago Ill

Analysis of books of outstanding popularity among adults as determined by a combination of reports from booksellers and librarians

4605 Havens Ruth Mack and Andrus, Ruth Desirable literature for children of kindergarten age Pedagogical seminary and Journal of genetic psychology 38 390-414 September 1929

An evaluation based on a record of children's responses to selected literature combined with findings of specialists in this field The writer submits a list of stories and poems desirable for kindergarten children

4606 Henderson, Frank D What part does the school play in the formation of the reading habits of its pupils? School review 38 51-54 January 1930

Junior and senior high school pupils in two adjoining communities were asked to answer nine questions the most important of which was "Who asks you to read magazines?" Of the 2038 pupils concerned in this study 1638 were not being trained by the school for the current reading of everyday life and 1007 of these pupils were not being guided in their magazine reading by anyone The conditions revealed in this study would seem to indicate that it is the duty of the school to devise ways and means of introducing pupils to the better things in current literature This article is based on a study by the author entitled The voluntary reading of 2083 junior and senior high school pupils an unpublished master's thesis of the University of Washington 1927

4607 Hilton, Eugene Determination of books for collateral reading required in basic junior college courses Doctor's thesis 1929 University of California Berkeley 92 p ms California quarterly of secondary education 5 178-81 January 1930 (Abstract)

The study is delimited to the freshman and sophomore years of the junior college and to the selection and rating of supplementary reference books exclusive of periodicals, government documents etc in the grades mentioned Lists in rank order the 4676 books considered arranged by course with author price publisher, etc The list is based on a survey of curriculum offerings in 37 California public junior colleges



4608 Hoover Ferne Rebecca Reading material in the homes of Hamlin, W Va Masters thesis 1920 George Peabody college for teachers Nashville, Tenn 68 p ms

4609 Howard Blanche Roberts Development of library service to rural schools Masters thesis, 1930 George Peabody college for teachers Nashville Tenn 57 p ms.

Historical development of library service in the rural schools in the United States based on practice revealed in the writings (excluding State library commission publications) since 1900 Seven distinct methods of service some efficient and some inefficient have been used County libraries seem to give the best service

4610 Husband Ivy C Judging children's fiction a statistical study Doctor's thesis 1930 University of Iowa Iowa City 135 p ms

The specific purpose of this study was to determine the trustworthiness of the Guide to books for character fiction The reading procedure called for at least three independent judgments on each book The first criterion used for validating the grading was that of numerous published lists of books for children Certain objective measures of difficulty as to words and sentence structure were used as criteria for validation Twenty three eighth grade books and 67 seventh grade books were used for the experiment with children The children read the books and reported their interest in two ways on an absolute scale and later by comparing and ranking the books Findings Results indicate the misplacement of very few books A tendency to rate the first books read as slightly more interesting than the later ones was noticed especially in the eighth grade The more intelligent children are better able to reject the very poor books than they are to appreciate the exceptionally good

4611 Idaho State board of education Professional reading for teachers and a course in home reading for elementary pupils 1929-1930 Boise Idaho board of education 1930 8 p (Idaho bulletin of education vol 15 no 1)

4612 Indiana Département of public instruction. Library manual for secondary schools. Indianapolis Ind [1930?] (Bulletin no 100-I)

4613 Jackson Ernest Bryan The features and functions of the high school library Masters thesis, 1930 University of Texas Austin

4614 Kent Regina and others Oakland a story for children. Oakland Calif Board of education 1930 113 p

4615 Kirkland Amelia A statistical study of the reading background of prospective teachers and teachers in service Masters thesis 1930 Ohio state university Columbus. 65 p ms

One hundred prospective teachers and 71 teachers were tested in regard to vocabulary rate and comprehension in reading ability A limited study was made in regard to books and magazines read. Prospective teachers are in the groups tested about equal in reading ability If improvement in reading ability is to take place and continue definite training along those lines should be included during the period of training or pre-service period as teaching experience of itself, did not show the growth desired in reading ability of teachers in service Medians for both groups are above the standards as given by Monroe in rate and comprehension for the twelfth grade—his scores for the end of the year were used

4616 Lathrop Edith A. County library service to rural schools Washington U S Government printing office 1930 53 p. (U S Office of education. Bulletin 1930 no 20)

This study gives the results of a questionnaire sent to librarians of 267 county libraries Usable reports were received from 144 county librarians

4617 ——— State direction of rural school library service Washington United States Government printing office 1930 50 p (U S Office of education. Bulletin 1930 no 6)

4618 Lewerenz Alfred S Educational information concerning a sampling of 94 children who have recently become members of the Los Angeles public library Los Angeles educational research bulletin 10 8-9 January 1930

Most of the applicants for membership were in the third grade more girls made application than boys the children were above the average in intelligence The library seems

to attract superior children more and more as they grow older Reading ability of applicants was above expectation

4619 ——— An experiment in evaluating books read and enjoyed by school children Los Angeles educational research bulletin 9 10-14, September 1929

Approximately 2300 reports on books were made by 500 children in elementary grades Thirty six most popular titles were used as basis for further study Titles were analyzed as to popularity with boys and girls Data indicate that library books are enjoyed by children according to age and mentality very popular books had low interest value books chosen for ease in reading had low interest value, girls read more than boys show a little more interest in and enjoyment of books are interested in books of which they have heard and in attractively printed and bound books are apt to choose books that look easy to read boys are interested in series books and in the story element children tend to read books below rather than equal to their reading level when reading for recreation, reading books for pleasure seems to be done by children above the normal in intelligence

4620 McDonnell Carroll R Magazines in the high school library Master's thesis, 1930 Gettysburg college, Gettysburg Pa

4621 McGrath, T Russell The under-privileged boy and his reading Master's thesis, 1929 University of Notre Dame Notre Dame Ind

4622 Magill Walter H The determination of the graphic forms and the frequencies of the forms employed in the current reading matter of the non specialist Doctor's thesis 1930 University of Pennsylvania Philadelphia Philadelphia Pa Westbrook publishing company 1930 74 p

Determination of the nature frequency and distribution of the symbolic forms of drawing of maps and of graphs employed in current literature as a partial basis for curriculum construction The forms and elements found with numerical indices of frequency of occurrence and extent of distribution are given on five large tables These form the major results of the study There is little restriction on the variety of forms used in magazines intended for the nonspecialist because of ignorance of the forms The widespread use of architectural floor plans in women's magazines suggests the inclusion of floor plan reading in the education of girls Evidence from magazines for boys gives much greater support to instruction for boys in certain forms of mechanical drawing than it does for instruction in map reading instruction for girls in the reading of graphs receives little support from the findings in women's and girls magazines The frequent and widespread use of different symbols for the same idea and of the same symbol for different ideas emphasizes the need for a more effective standardization of symbols

4623 Mann, Margaret Introduction to cataloguing and the classification of books Chicago Ill., American library association 1930 424 p

This study discusses the Cutter D C and L C classification systems dictionary catalogue classified catalogue author title subject and form entries subject headings L C cards and their use arrangement of cards department routine quarters equipment supplies organization and administration of the department Emphasizes principles although details of actual practice are not overlooked Treats the catalogue as a research tool for the librarian and for the public Findings Adequate library service requires that the book collection be skillfully classified and catalogued according to the needs of the clientele served by the library The cataloguer must act as a medium between writer and reader, endeavoring to estimate justly the intention of the one and the need of the other

4624 Mary Cephas, Sister Free choice of books in the secondary school and its limitations as an incentive to good reading Master's thesis 1930 University of Vermont Burlington

4625 Memmler Gertrude Junior college library service California quarterly of secondary education 5 360-63 June 1930

Fifty three colleges in 19 states answered a questionnaire on the tendencies represented in their libraries during the year 1927-1929 Findings Junior-college library conditions, on the whole do not compare favorably with the standards recommended by the American library association for high schools

4626 Mendenhall, James E., and Mendenhall, Marcella E. The influence of familiarity upon children's preference for books and poems. 1930 Teachers college Columbia university, New York, N. Y. 65 p. ms.

In this investigation 26 reproductions of paintings and 50 short poems by recognized artists and writers were submitted to 74 children in grades 7 and 8 of the Lincoln school. In general the pictures or poems initially preferred gained in favor if repeatedly exposed whereas pictures or poems originally disliked lost in favor if repeated. Pictures depicting scenes from nature were preferred to portraits; the favored poems contained obvious rhyme and rhythm. This study attempts to apply scientific method to the field of aesthetics.

4627 Miller, Bryan R. Voluntary reading of high school students in Marshalltown Iowa. Master's thesis. 1930 Chicago university, Chicago, Ill. 81 p. ms.

The large majority of high school students read newspapers and magazines.

4628 Montgomery Mildred. Testing supplementary reading in high school. Master's thesis. 1930 University of Illinois, Urbana. 95 p. ms.

4629 Nichols, John R. Library costs in California high schools. California quarterly of secondary education 5. 1935 Jan. 1936

A study was made of library costs in 100 small and 100 medium sized high schools, and 20 large schools that had 51 or more teachers. Data indicate that the larger libraries in the larger schools are more economical and better than the smaller libraries in smaller schools.

4630 Odiorne, Helena Winifred. The library as a social agency. A study of the reading interests of boys in two districts of Washington. Master's thesis, 1930 Catholic university of America Washington, D. C. 33 p. ms.

4631 Offerman, Elizabeth J. The effect of presence of books on children's interests and achievements. Master's thesis, 1930 University of Chicago, Chicago, Ill. 91 p. ms.

Study made of children's reading and reading improvements in county system of schools. Correlations showing relationships between number of books read and improvement in reading achievements were not significant.

4632 Ohio state university, College of education. List of titles in the textbook exhibit, Bureau of educational research. 1930 Ohio State university, Columbus. 208 p. ms.

The books are grouped in five sections: elementary, junior high school, senior high school, reference and miscellaneous. Within these groups the books are arranged alphabetically by authors under subjects.

4633 O'Rear, F. B., and Cottrell, Donald P. Bibliography of institutional publications in the field of education. Compiled from data supplied from 502 higher educational institutions. 1930 Teachers college Columbia university New York, N. Y. 72 p. ms.

This study represents an attempt to gather from the institutions themselves titles of the less widely advertised publications bearing on the field of education.

4634 Parks, Horace Newton. Study of library and library methods of vocational agriculture. Master's thesis, 1930 George Peabody college for teachers Nashville, Tenn. 67 p. ms.

Ten best equipped libraries and methods in each of the states of the southern region were studied. Findings: The enterprise arrangement was the most popular method of arranging books and bulletins. Only a small number of teachers were using the available material in teaching agriculture. The agricultural teacher was usually the librarian with the agricultural library located in the agricultural room. The home agricultural library was being encouraged by about 70 per cent of the teachers. The high school agricultural library was reported open in all schools during vacation.

4635 Power, Effie L. Library service for children. 1930 American library association, Chicago, Ill. 300 p. ms.

This study deals with the basic principles of library service to children with emphasis on the work done in children's rooms in public libraries. It discusses the children's

librarian, books and book collections for children, circulation and reference service, reading for children's libraries. Findings: Through good books and inviting library atmosphere, guidance, library service to adolescents, the children's department, plans and equipment, and intelligent sympathetic service, the children's library seeks to inspire and cultivate in children love of reading, discriminating taste in literature and judgment and skill in the use of books as tools. The ultimate aim of the children's library is to promote higher thinking, better living and active citizenship.

4636 Roberts, Clarence J. A study of reading as a basis of classification. 1929. Department of education, Baltimore, Md. 20 p. ms.

An experiment to determine the degree of success resulting from having each pupil work at his grade level in reading regardless of his levels in other subjects and of the grade in which he is officially registered.

4637 Roller, Bert. Enter the happy child. Peabody journal of education, 7: 337-42, March 1930.

The author gives a brief survey of poetry for children in England and America, and compares the early poems of childhood with those of the present day.

4638 St. Louis, Public schools. Department of instruction. Catalogue of travelling library, by Amelia Meissner. Educational museum of the St. Louis public schools. Public school messenger, 27: no. 4, April 30, 1930. 47 p.

4639 Smith, Joe Osburn. Reading material in homes of Hamilton county, Tenn., high school students. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 93 p. ms.

A study of the newspapers, magazines and books found in 318 homes of students of six rural high schools of Hamilton county, Tenn. The average home has 126 newspapers, 623 magazines and 3648 books. An average of 110.16 volumes was read from the public libraries during one year.

4640 Spann, Richard Russell. An annotated bibliography of material on public school libraries. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 128 p. ms.

4641 Springer, Mrs. Patricia. Bibliography of Tennessee historical material in Nashville libraries. Master's thesis, 1930. George Peabody college for teachers, Nashville, Tenn. 246 p. ms.

Material relating to Tennessee history, exclusive of periodicals, found in the four public libraries of Nashville.

4642 Sullens, Elsie Deane. The interrelation of women's clubs and library work, with special references to Oklahoma. Master's thesis, 1930. University of Illinois, Urbana. 126 p. ms.

This study sought to determine the extent to which women's clubs and libraries in Oklahoma have been furthering each other's interests. It was found that women's clubs had been instrumental in establishing the first traveling library system in the State; the Oklahoma library association, the Oklahoma library commission, the women's club service at the University of Oklahoma, and fully 72 per cent of the State's 80 tax-supported local libraries. The clubs had, in addition, been actively promoting the growth and effective service of libraries already established. Libraries, in their turn, have been furthering the interests of women's clubs in Oklahoma, by meeting their book needs; by giving them reference service; by aiding in their programs, and by furnishing them meeting places and other space in libraries. The data procured led to the conclusion that libraries and women's clubs in Oklahoma have been mutually benefited by their interrelated activities and that opportunities still exist for the extension of the relationship.

4643 Taylor, Henry Clay. A study of a suggestive method to improve outside reading. Master's thesis, 1929. George Peabody college for teachers, Nashville, Tenn. 101 p. ms.

4644 Taylor, William E. The public library as an agency of adult education. Master's thesis, 1930. New York university, New York, N. Y.

4645 Utta, George Wilson. The high school libraries of Cambria county, Pa. Master's thesis, 1930. University of Pittsburgh, Pittsburgh, Pa. 79 p. University of Pittsburgh bulletin, 27: 401-402, November 1930. (Abstract)

4646 Walters, F C English fiction reading of students enrolled in the University of Porto Rico for the school year 1928-1929 November 1929 University of Porto Rico Rio Piedras 9 p ms.

The results of this study show that in all 763 titles were reported as having been read the average number of titles read per student was 37 and the range of titles was from 12 to 107. The majority of the titles read by from 50 to 75 per cent of the students are titles appearing on the recommended lists of readings for high schools and colleges. Of the titles liked better than average as reported by the students the title that holds first place is *The Poetry* by Barclay. The second title in point of popularity is *In the Palace of the King* by Crawford.

4647 Waples Douglas Teachers' reading of non-fiction Educational research bulletin (Ohio state university) 8 377-82 November 20 1929

A study of reading interests of teachers involving sex differences differences in grades taught differences between teachers and pupils interests and differences between teachers and other adult groups.

4648 Warren, Gladys Eva The integration of the school library with the junior high school program Masters thesis 1930 University of Southern California Los Angeles ms.

4649 Watson, Norman Edgar A critical analysis of six elementary school libraries Masters thesis 1930 University of Chicago Chicago Ill.

4650 Webb Hanor A. The high school science library for 1928-1929 Peabody journal of education 7 22-36 July 1929

The author gives a list of science books which he would recommend to a high school librarian. He classifies them by price and by season. The recommendations cover a variety of science fields for even the minimum purchase.

4651 Williams Margaret Pearl. Problems of the high school library in the teaching of history Masters thesis 1930 George Peabody college for teachers Nashville Tenn 149 p ms.

A study to find out the greatest problems connected with the library in the teaching of history. Inefficient librarians insufficient equipment and lack of knowledge of proper use of collateral reading are the greatest problems of the library in the teaching of history.

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1634	1636	1658	1661	1662	1670	1678
1690	1699	1698	1721	1734	1788	1885
1923	1985	2047	2050	2080	2093	2111
2150	2154	2164	2199	2213	2232	2238
2251	2250	2368	2436	2440	2442	2443
2455	2460	2637	2684	2697	2743	2832
2950	2984	3015	3019	3084	3099	3113
3159	3160	3216	3217	3224	3232	3296
3301	3315	3317	3330	3353	3373	3382
3396	3388	3408	3416	3431	3433	3444
3451	3465	3466	3472	3475	3478	3480
3492	3493	3496	3522	3534	3556	3567
3571	3586	3599	3624	3684	3737	3752
3754	3757	3764	3768	3784	3788	3803
3815	3835	3846	3850	3854	3862	3864
3860	3870	3871	3873	3876	3879	3888
3901	3900	3906	3908	3931	3940	3979
3991	4000	4011	4037	4047	4113	4700
4208	4225	4227	4228	4234	4236	4238
4248	4260	4262	4263	4259	4260	4268
4270	4273	4282	4347	4355	4367	4370
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2810 2826 3393 3306 3885 4044 4108						
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